

PLUMBING FIXTURE SCHEDULE
F-1A - WATER CLOSET - WALL MOUNTED WITH FLUSH VALVE: FIXTURE: TOTO MODEL CT708EV WALL MOUNTED WATER CLOSET WITH 1-1/2" BACK SPUD. SEAT: TOTO MODEL SC534 ELONGATED OPEN FRONT TOILET SEAT. FLUSH VALVE: TOTO 1.28 GPF SELF POWERED HYDROELECTRIC FLUSH VALVE SYSTEM. SUPPORT: JAY R. SMITH MODEL 0210LY OR 0210RY HORIZONTAL SINGLE.
F-1B - WATER CLOSET - WALL MOUNTED WITH FLUSH VALVE - ADA COMPLIANT: FIXTURE: TOTO MODEL CT708EV WALL MOUNTED WATER CLOSET WITH 1-1/2" BACK SPUD. SEAT: TOTO MODEL SC534 ELONGATED OPEN FRONT TOILET SEAT. FLUSH VALVE: TOTO 1.28 GPF SELF POWERED HYDROELECTRIC FLUSH VALVE SYSTEM. SUPPORT: JAY R. SMITH MODEL 0210LY OR 0210RY HORIZONTAL SINGLE.
F-2A - URINAL - WALL MOUNTED WITH FLUSH VALVE: FIXTURE: TOTO MODEL UT477EV WALL MOUNTED URINAL TO 3/4" BACK SPUD. FLUSH VALVE: TOTO MODEL TEU2LA 0.5 GPF SELF POWERED HYDROELECTRIC FLUSH VALVE SYSTEM. SUPPORT: JAY R. SMITH MODEL 0636.
F-2B - URINAL - WALL MOUNTED WITH FLUSH VALVE - ADA COMPLIANT: FIXTURE: TOTO MODEL UT477EV WALL MOUNTED URINAL TO 3/4" BACK SPUD. FLUSH VALVE: TOTO MODEL TEU2LA 0.5 GPF SELF POWERED HYDROELECTRIC FLUSH VALVE SYSTEM. SUPPORT: JAY R. SMITH MODEL 0636.
F-3B - UNDERCOUNTER LAVATORY - ADA COMPLIANT: FIXTURE: TOTO MODEL LT542G UNDERCOUNTER LAVATORY. FAUCET: KOHLER MODEL K-13468 GEOMETRIC INSIGHT TOUCHLESS FAUCET, 0.5 GPM. STOPS: MCGUIRE MODEL 2167 CC COMPRESSION 1/2" X 1/2". DRAIN: KOHLER MODEL K-7129-A WITH OVERFLOW. TRAP: MCGUIRE MODEL 8902, CHROME PLATED BRASS, 1-1/4" X 1-1/2". INSULATION KIT: "TRUEBRO" MODEL 102 FOR P-TRAP AND TWO ANGLE VALVES AND COVERS.
F-5C - MOP SINK: FIXTURE: STERN WILLIAMS MODEL SB902 24X24X12 WITH STAINLESS STEEL CAP AND CATCHER PANELS. SUPPLIES: T&S BRASS AND BRONZE WORK MODEL B-06665-BSTR WITH INTEGRAL STOPS, VACUUM BREAKER, WALL BRACE, AND PAIL HOOK. PROVIDE WITH 36" FLEXIBLE HEAVY DUTY RUBBER HOSE AND BRACKET. STERN WILLIAMS MODEL T-35. DRAIN: FACTORY INSTALLED CAST BRASS WITH STAINLESS STEEL STRAINER CAST INTEGRAL.
F-8 - SINGLE WATER COOLER - ADA COMPLIANT: FIXTURE: ELKAY MODEL VRCHD8S HEAVY-DUTY VANDAL RESISTANT SINGLE WATER COOLER. STOPS: "MCGUIRE" MODEL 2167 CC COMPRESSION 1/2" X 1/2". SUPPORT: JAY R. SMITH MODEL 0700.
F-9 - HI-LO WATER COOLER - ADA COMPLIANT: FIXTURE: ELKAY MODEL VRCHDTL8SC HEAVY DUTY VANDAL RESISTANT HI-LO WATER COOLER. STOPS: "MCGUIRE" MODEL 2167 CC COMPRESSION 1/2" X 1/2". SUPPORT: JAY R. SMITH MODEL 0700.
FD - FLOOR DRAIN FIXTURE: JOSAM MODEL 3000-A CAST IRON BODY WITH NICKEL BRASS STRAINER.
OSD - OPEN SIGNT DRAIN FIXTURE: JOSAM 3000-E3 CAST IRON BODY WITH NICKEL OVAL FUNNEL ON ROUND STRAINER.
TRAP PRIMER FIXTURE: PPP MODEL P1 500 WITH CHECK VALVE SEAL, VACUUM BREAKER PORT, AND DISTRIBUTION UNIT PPP MODEL DU-4/DU-J. PROVIDE WITH FIX AIR GAP FITTING PPP MODEL AS-500 DOWNSTREAM OF THE TRAP PRIMER VALVE AND BEFORE THE DISTRIBUTION UNIT. PROVIDE WITH FULL ACCESS.
TM-1, THERMOSTATIC WATER MIXING VALVE FIXTURE: LEONARD VALVE COMPANY MODEL 270-LF-STSTL-REC CABINET ASSEMBLY. INSTALL STAINLESS STEEL CABINET RECESSED IN WALL. THE TEMPERATURE OF THE WATER DELIVERED FROM PUBLIC USE LAVATORIES OR HAND WASHING FIXTURES SHALL BE LIMITED TO A MAXIMUM TEMPERATURE OF 110 DEGREE FAHRENHEIT BY A TEMPERATURE CONTROL DEVICE THAT CONFORMS TO ASSE 1070.

- NOTES:**
- ALL PLUMBING FIXTURES AND TRIM MUST BE APPROVED BY ARCHITECT & MECHANICAL ENGINEER BEFORE ORDERING.
  - COMPLY WITH NSF 61 FOR FIXTURE MATERIALS THAT WILL BE IN CONTACT WITH POTABLE WATER.
  - COMPLY WITH NSF61 AND ANSI 372 FOR POTABLE DOMESTIC WATER PIPING AND COMPONENTS.

PUMP SCHEDULE								
PUMP NO.	LOCATION	GPM	HEAD FT.	RPM	HP	VOLT/ PHASE	TYPE	BASIS OF DESIGN
RP-1	WATER HEATER 501	15	20	3450	1/2	120/1	IN-LINE	TACO MODEL 2400-45S
RP-2	WATER HEATER 501	70	40	3500	2	480/3	IN-LINE	TACO MODEL 1911-SS
RP-3	WATER HEATER 501	15	20	3450	1/2	120/1	IN-LINE	TACO MODEL 2400-45S
RP-4	CONDO UNIT	3	8	3250	1/35	120/1	IN-LINE	TACO MODEL 005-SF2
ESP-1	ELEVATOR	100	12	3450	1	208/3	SUBMERSIBLE	LIBERTY PUMP FL100M-5 OR EQUAL
ESP-2	ELEVATOR	100	12	3450	1	208/3	SUBMERSIBLE	LIBERTY PUMP FL100M-5 OR EQUAL
ESP-3	ELEVATOR	100	15	3450	1 1/2	208/3	SUBMERSIBLE	LIBERTY PUMP FL100M-5 OR EQUAL
ESP-4	ELEVATOR	100	15	3450	1 1/2	208/3	SUBMERSIBLE	LIBERTY PUMP FL10 3M-5 OR EQUAL
ESP-5	ELEVATOR	50	25	3450	1/2	208/1	SUBMERSIBLE	LIBERTY PUMP FL 52M-5 OR EQUAL
ESP-6	ELEVATOR	50	12	3450	1/2	208/1	SUBMERSIBLE	LIBERTY PUMP FL 52M-5 OR EQUAL
ESP-7	ELEVATOR	50	12	3450	1/2	208/1	SUBMERSIBLE	LIBERTY PUMP FL 52M-5 OR EQUAL
ESP-8	PEDESTRIAN CORRIDOR	50	15	3450	1/2	208/1	SUBMERSIBLE	LIBERTY PUMP FL 52M-5 OR EQUAL

GAS-FIRED WATER HEATERS												
DESIGN	LOCATION	AREA SERVING	THERMAL EFFICIENCY	TURNDOWN RATIO	RECOVERY 90° F RISE GPM	INPUT MBH	MIN. GAS PRESSURE INCHES WATER COLUMN	OUTLET TEMP. °F	AIR INLET DIA. IN.	FLUE OUTLET DIA. IN.	VOLT/ PHASE	BASIS OF DESIGN
WH-1	WATER HEATER 501	1ST FLOOR THROUGH 4TH FLOOR	92%	33:1	20.8	1001	8	140	6"	6"	120/1	INTELLIHOT MODEL IQ1 001 GENII
WH-2	WATER HEATER 501	1ST FLOOR THROUGH 4TH FLOOR	92%	33:1	20.8	1001	8	140	6"	6"	120/1	INTELLIHOT MODEL IQ1 001 GEN II
WH-3	WATER HEATER 501	8TH FLOOR HOTEL THROUGH 14 TH FLOOR HOTEL	92%	50:1	30.8	1501	8	120	6"	6"	120/1	INTELLIHOT MODEL IQ1501 GEN II
WH-4	WATER HEATER 501	8TH FLOOR HOTEL THROUGH 14 TH FLOOR HOTEL	92%	50:1	30.8	1501	8	120	6"	6"	120/1	INTELLIHOT MODEL IQ1501 GEN II
WH-6	STORAGE 1802	18TH FLOOR ROOF DECK	96%	8.3:1	5.4	251	8	140	3"	3"	120/1	INTELLIHOT MODEL IQ251 GEN II
WH-7	STORAGE 1802	18TH FLOOR ROOF DECK	96%	8.3:1	5.4	251	8	140	3"	3"	120/1	INTELLIHOT MODEL IQ251 GEN II

NOTE: PROVIDE WATER HEATERS WITH CONDENSATE NEUTRALIZATION KIT.

## GENERAL PLUMBING NOTES

- SET ALL FLOOR SINKS, OPEN SITE DRAINS, AND HUB DRAINS WITH THEIR RIM 1" HIGHER THAN THE SURROUNDING FLOOR. REFER TO DETAILS FOR FLOOR SINKS AND OPEN SITE DRAINS.
- PLUMBING FIXTURES SHALL BE COMPLETE WITH ALL NECESSARY FITTINGS, ANGLES STOPS, CARRIERS, ETC AS REQUIRED FOR A COMPLETE SERVICE. REFER TO ARCHITECTURAL DRAWINGS AND ELEVATIONS FOR FIXTURE LOCATION AND MOUNTING HEIGHT OF WALL MOUNTED FIXTURES.
- ALL PLUMBING WORK SHALL BE COMPLETE AND READY FOR SATISFACTORY SERVICE.
- PROVIDE A SHUT OFF VALVE ON EACH DOMESTIC HOT & COLD WATER BRANCH FROM MAIN. NO FIXTURE OR GROUP OF FIXTURES SHALL BE CONNECTED TO MAIN WITHOUT MEANS OF ISOLATION. THESE VALVES SHALL BE PROVIDED WHETHER SHOWN ON DRAWINGS OR NOT. LOCATE VALVES, WATER HAMMER ARRESTERS AND TRAP-SEAL PRIMER VALVES FOR EASY ACCESS. IF EASY ACCESS IS NOT AVAILABLE, INSTALL METAL ACCESS PANEL. COORDINATE ACCESS PANELS WITH ARCHITECT.
- ATTACH SELF ADHESIVE LABEL AT CEILING GRID OR ACCESS PANEL TO INDICATE LOCATION OF ALL ABOVE CEILING PLUMBING EQUIPMENT SUCH AS SHUT-OFF VALVES, WATER HEATERS, PUMPS, ETC.
- PROTECTIVE SHEILD PIPE COVERS COMPLAINT WITH ADA REQUIREMENTS OR PROTECTIVE SHIELDING PIPING ENCLOSURE COMPLIANT WITH ADA REQUIREMENTS SHALL BE PROVIDED FOR ALL ACCESSIBLE SINKS AND LAVATORIES THAT CAN BE APPROACHED AND USED BY PEOPLE WITH DISABILITIES.
- THESE DRAWINGS ARE SCHEMATIC AND ARE INTENDED TO DEPICT THE GENERAL LOCATION OF THE PLUMBING SYSTEM COMPONENTS. THE CONTRACTOR SHALL MAKE ADJUSTMENTS FOR SPACE REQUIREMENTS AND CONFLICTS WITH OTHER TRADES AND SHALL OBTAIN APPROVAL FROM THE ARCHITECT FOR ANY VARIATION FROM THE INDICATED LOCATIONS.
- ALL PLUMBING MATERIALS AND INSTALLATION SHALL BE IN ACCORDANCE WITH ALL APPLICABLE CODES AND REGULATIONS.

## PLUMBING SHEET INDEX

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P1.2.1	2ND FLOOR - PLUMBING
P1.2.3	2ND FLOOR MEZZANINE - PLUMBING
P1.3	3RD FLOOR ACCESSIBLE PARKING - PLUMBING
P1.3.1	4TH FLOOR PARKING - PLUMBING
P1.3.2	5TH FLOOR PARKING - PLUMBING
P1.3.3	6TH FLOOR PARKING - PLUMBING
P1.3.4	7TH FLOOR PARKING - PLUMBING
P1.4	8TH FLOOR - PLUMBING
P1.4.1	9TH FLOOR - PLUMBING
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P1.4.7	17TH FLOOR - PLUMBING
P1.5	ROOF DECK - PLUMBING
P4.1	PLUMBING ENLARGED PLANS
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P6.1	PLUMBING DETAILS
P6.2	PLUMBING DETAILS
P6.3	PLUMBING DETAILS
P6.4	PLUMBING DETAILS
P8.1	PLUMBING RISER DIAGRAMS
P8.3	PLUMBING RISER DIAGRAMS

## ELECTRIC WATER HEATER SCHEDULE

NO.	TYPE	LOCATION	STORAGE (GALLONS)	RECOVERY (GAL./HR.) 80°F RISE	OUTLET (TEMP. °F)	KW	VOLT/ PHASE	REMARKS
WH-5	TANK	CONDO UNIT	80	30	120	6	208/1	AO SMITH DEN-80 OR EQUAL

\* UL APPROVED WITH RELIEF VALVE, AUTOMATIC CONTROL OVER-TEMPERATURE PROTECTOR & ON/OFF SWITCH. PROVIDE WITH SAFE PAN. SEE DETAIL ON THIS SHEET P003.

## PLUMBING ABBREVIATIONS

(E)	-	EXISTING
(N)	-	NEW
AD	-	AREA DRAIN
AFF	-	ABOVE FINISHED FLOOR
AP	-	ACCESS PANEL
ARCH	-	ARCHITECTURAL
AS	-	AUTOMATIC FIRE SPRINKLER
AV	-	ACID VENT
AW	-	ACID WASTE
BFF	-	BELOW FINISHED FLOOR
BFG	-	BELOW FINISHED GRADE
BHP	-	BRAKE HORSEPOWER
BV	-	BALANCING VALVE
CD	-	CONDENSATE DRAIN
CFF	-	CAPPED FOR FUTURE CONNECTION
CFM	-	CUBIC FEET PER MINUTE
CHV	-	CHECK VALVE
COND	-	CONDENSATE
CONN	-	CONNECTION
CONT	-	CONTINUATION
CTE	-	CONNECT TO EXISTING
CU. FT.	-	CUBIC FEET
CU. IN.	-	CUBIC INCHES
CW	-	COLD WATER
DCW	-	DOMESTIC COLD WATER
DFU	-	DRAINAGE FIXTURE UNITS
DHW	-	DOMESTIC HOT WATER
DIA	-	DIAMETER
DW	-	DISHWASHER
EL	-	ELEVATION
FCO	-	FLOOR CLEANOUT
FD	-	FLOOR DRAIN
FHC	-	FIRE HOSE CABINET
FHV	-	FIRE HOSE VALVE
FIN. FLR	-	FINISHED FLOOR
FS	-	FLOOR SINK
FT	-	FEET
GAL	-	GALLON
GCO	-	GRADE CLEANOUT
GPM	-	GALLONS PER MINUTE
GV	-	GATE VALVE
HB	-	HOSE BIBB
HD	-	HUB DRAIN
HP or hp	-	HORSEPOWER
HW	-	HOT WATER
HWR	-	HOT WATER RETURN
IN	-	INCH
kW	-	KILOWATT
LAV	-	LAVATORY
LB or lb	-	POUND
MAX	-	MAXIMUM
MBH	-	THOUSAND BRITISH THERMAL UNITS PER HOUR
MIN	-	MINIMUM
NC	-	NORMALLY CLOSED
NO	-	NORMALLY OPENED
NO.	-	NUMBER
OD or OFD	-	OVERFLOW DRAIN
OS&Y	-	OUTSIDE SCREW AND YOKE
OSD	-	OPEN SITE DRAIN
PD	-	PUMPED DISCHARGE
PG	-	PRESSURE GUAGE
POC	-	POINT OF CONNECTION
PRV	-	PRESSURE REDUCING VALVE
PSI	-	POUNDS PER SQUARE INCH
RD	-	ROOF DRAIN
RPBP	-	REDUCED PRESSURE BACKFLOW PREVENTER
RPM	-	REVOLUTIONS PER MINUTE
SD	-	STORM DRAIN
SOV	-	SHUT-OFF VALVE
SQ. FT.	-	SQUARE FEET
TP	-	TRAP PRIMER
TS	-	TAMPER SWITCH
TW	-	TEPID WATER
TYP	-	TYPICAL
UR	-	URINAL
V	-	VENT
VTR	-	VENT THRU ROOF
W	-	WASTE
WC	-	WATER CLOSET
WCO	-	WALL CLEANOUT
WH	-	WATER HEATER
WHA	-	WATER HAMMER ARRESTER
WSFU	-	WATER SUPPLY FIXTURE UNITS

## PLUMBING SYMBOLS

THIS IS A TYPICAL SCHEDULE. NOT ALL SYMBOLS ARE NECESSARILY USED ON THIS PROJECT.	
⊕	PIPE ELBOW TURNED UP
⊖	PIPE ELBOW TURNED DOWN
⊕⊖	TEE OFF BOTTOM
⊖⊕	TEE OFF TOP
—	SOIL OR WASTE
—V—	SANITARY VENT
— — — — —	DOMESTIC COLD WATER (CW)
— — — — —	120" DOMESTIC HOT WATER (HW)
— — — — —	120" DOMESTIC HOT WATER RETURN (HWR)
—140"—	140" DOMESTIC HOT WATER
— — — — —	140" DOMESTIC HOT WATER RETURN
A	COMPRESSED AIR
— — — AV — — —	ACID VENT
—AW—	ACID WASTE
—GW—	GREASE WASTE
D	DRAIN
—HPG—	HIGH PRESSURE NATURAL GAS
G	LOW PRESSURE NATURAL GAS
—SD—	STORM DRAIN
➔	DIRECTION OF FLOW IN PIPE
➔➔	PIPE SLOPES DOWN IN DIRECTION INDICATED
⬢	POINT BETWEEN NEW AND EXISTING WORK
⬢	POINT BETWEEN DEMO AND EXIST TO REMAIN
⬢P	PLUMBING RISER NO.
⬢HP	HOTEL PLUMBING RISER NO.
⬢DW	DOMESTIC WATER RISER NO.
⬢X	GATE VALVE
⬢G	GLOBE VALVE
⬢S	STRAINER
⬢N	CHECK VALVE
⬢C	BALL VALVE
⬢V	PLUG COCK OR VALVE
⬢P	TEMPERATURE-PRESSURE RELIEF VALVE
⬢B	HOSE BIBB
⬢FD	FLOOR DRAIN (PLAN & ELEVATION)
⬢CO	CLEANOUT (PLAN & ELEVATION)
⬢OSD	OPEN SIGHT DRAIN (PLAN & ELEVATION)
⬢DS	DOWN SPOUT
⬢HB	HOSE BIBB
⬢OSD	OPEN SIGHT DRAIN
⬢RD	ROOF DRAIN
V	VENT
⬢VTR	VENT THRU ROOF
⬢TP	TRAP PRIMER
⬢N	CIRCUIT BALANCING VALVE
⬢T	PLUMBING FIXTURE 120V TO 24V TRANSFORMER
⬢R	GAS PRESSURE REGULATING VALVE
⬢V	SOLENOID VALVE
⬢R	PRESSURE REGULATING VALVE

HB

HARRY BAKER SMITH

SA II

ARCHITECTS II

P L L C

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SINCE 1961

HARD ROCK

1031 CANAL STREET

NEW ORLEANS, LOUISIANA

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CERTIFIED CORRECT

STATE OF LOUISIANA  
RAYMOND E. SMITH  
LICENSE No. 36823  
REGISTERED PROFESSIONAL ENGINEER  
MECHANICAL ENGINE

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REVISION HISTORY									

GENERAL NOTES, ABBREVIATIONS, & SYMBOLS  
PROJECT #: 1709  
PHASE: PERMIT  
TEAM: MEI  
CHECKER: SP\_RS  
SCALE: AS NOTED  
ISSUED: 06/05/2018

MOSES

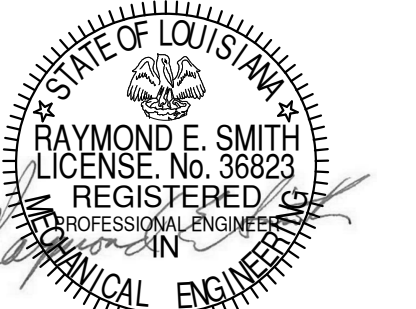
ENGINEERS

CONSULTING ENGINEERS  
909 Poydras Street, Suite 2150  
New Orleans, Louisiana 70112-1034  
Tel. 504-586-1725

P0.1

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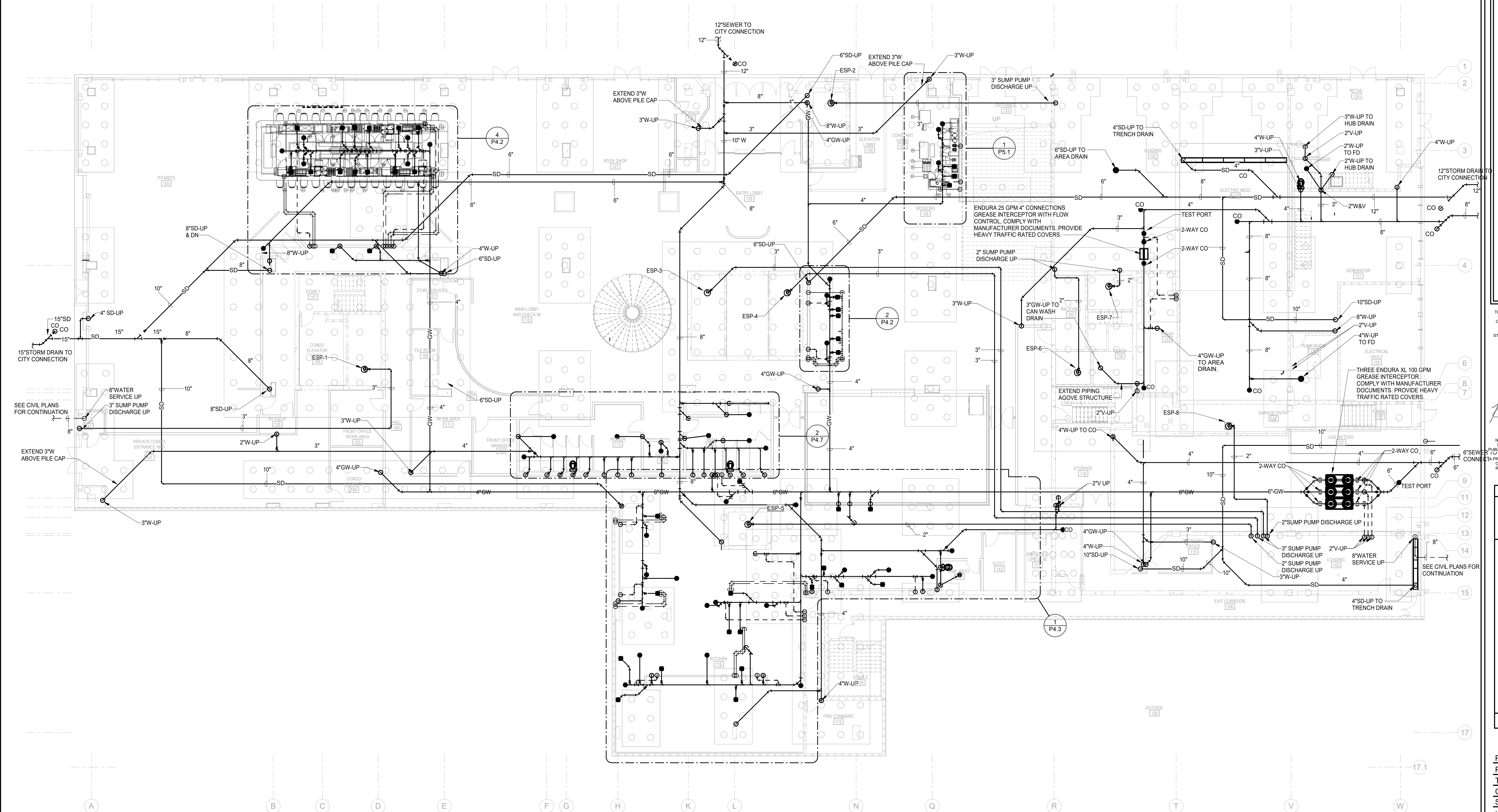


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UNDER 1ST FLOOR  
GROUND LEVEL -  
PLUMBING  
PROJECT # 1709  
PHASE: PERMIT  
TEAM: MEI  
CHECKER: SP, RS  
SCALE: AS NOTED  
ISSUED: 06/05/2018

# P1.0



## 1 UNDER 1ST FLOOR GROUND LEVEL - PLUMBING

SCALE: 3/32" = 1'-0"

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- 1 8" FIRE WATER SERVICE WITH OS&Y VALVE WITH TAMPER SWITCH AND DETECTOR  
CHECK WITH N.O. S&WB METER MOUNTED IN VERTICAL POSITION.
- 2
- 3 HOT AND COLD WATER HOSE STATION, CHICAGO FAUCET MODEL  
540-LD897SWXFABCP WITH STAINLESS HOSE RACK, MOUNTING PLATE, 25 FEET  
HARDY DUTE HOSE WITH NOZZLE.
- 4 DOMESTIC WATER BOOSTER PUMP, BP-1. SEE SCHEDULE ON SHEET P0.1 AND  
DETAIL ON SHEET P5.3.
- 5 PROVIDE AREA FLOOR DRAIN, JAY R. SMITH MODEL 2150, HEAVY DUTY WITH  
TRACTOR GRATE.
- 6 PROVIDE AREA FLOOR DRAIN, JAY R. SMITH MODEL 2290, HEAVY DUTY WITH  
TRACTOR GRATE.
- 7 PROVIDE 4" FLOOR DRAIN, JAY R. SMITH MODEL 2150, GENERAL PURPOSE DRAIN  
WITH TRACTOR GRATE.
- 8 PROVIDE 3" DRAIN FOR CAN WASH STATION
- 9 EXTEND 3/4" CW & HW TO CAN WASH FAUCET.
- 10 HEAVY VEHICLE TRAFFIC 12" WIDE TRENT DRAIN, MIFAB T1250-FL. COORDINATE  
LENGTH AND LOCATION WITH ARCHITECT. INSTALL DRAIN PER MANUFACTURERS  
DOCUMENTS.
- 11 ELECTRIC WATER HEATER, AO SMITH DEL-40 WITH 4" HIGH CONCRETE PAD AND  
SAFE PAN.



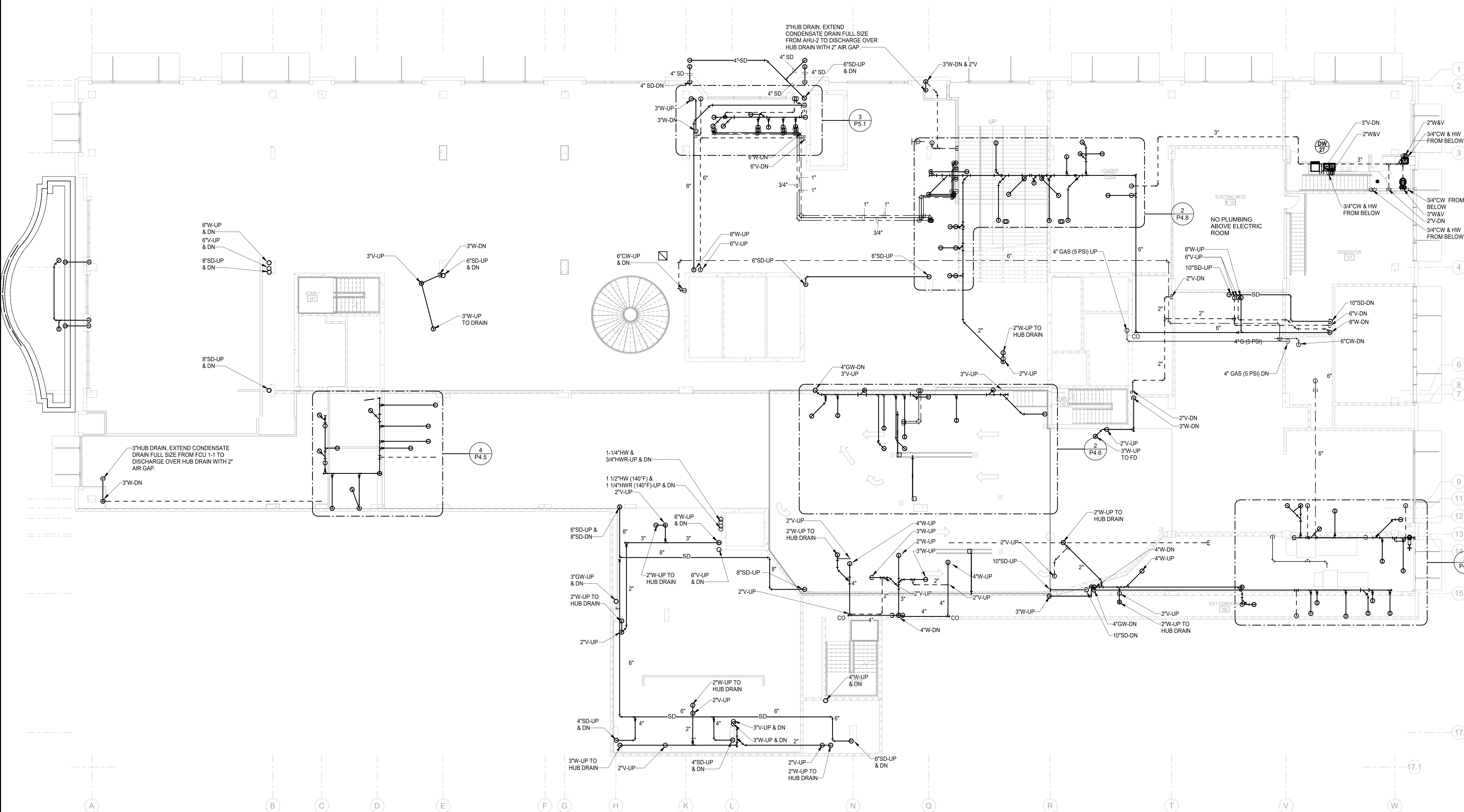
SCALE: 3/32" = 1'-0"

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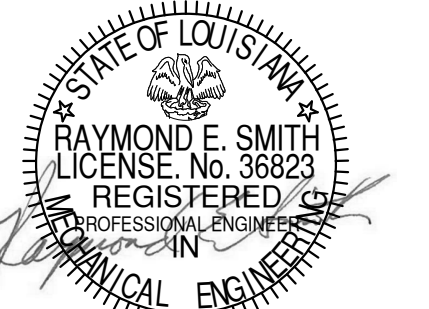




HARD ROCK  
1031 CANAL STREET  
NEW ORLEANS, LOUISIANA

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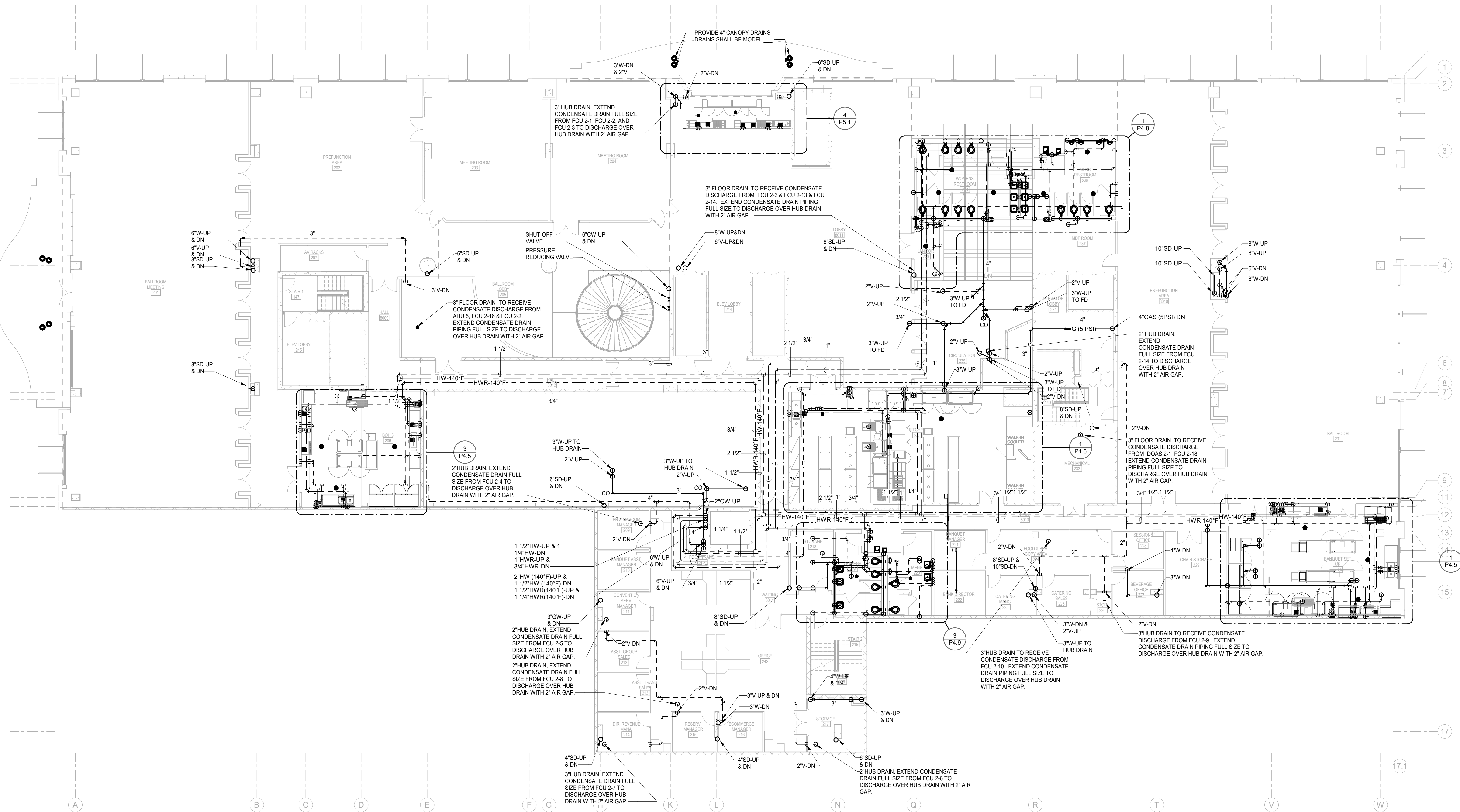
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[illegible]

2ND FLOOR - PLUMBING

PROJECT#: 1709  
PHASE: PERMIT  
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SCALE: AS NOTED  
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## P1.2.1



## 1 2ND FLOOR RETAIL - PLUMBING

SCALE: 3/32" = 1'-0"

**MOSES**  
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Tel. 504-586-1725

1 HAIR SALON SINK, EXTEND 1/2" CW & 1/2" HW SUPPLIES WITH ANGLE VALVES TO SINK FAUCET. PROVIDE 1-1/2" DRAIN WITH JOSAM SOLID INTERCEPTOR 61000.

189 Maple Ridge Drive Metairie, LA 70001  
(504)885-4477  
central@hbsai.com :: hbsai.com  
SINCE 1961

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STATE OF LOUISIANA  
 ★ ★  
 RAYMOND E. SMITH  
 LICENSE No. 36823  
 REGISTERED  
 PROFESSIONAL ENGINEER  
 IN  
 MECHANICAL ENGINEERING

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[illegible]

PROJECT#: 1709  
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CHECKER: SP, RS  
SCALE: AS NOTED  
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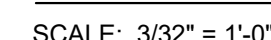
MOSES  
FUGITIVES

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SCALE: 3/32" = 1'-0"

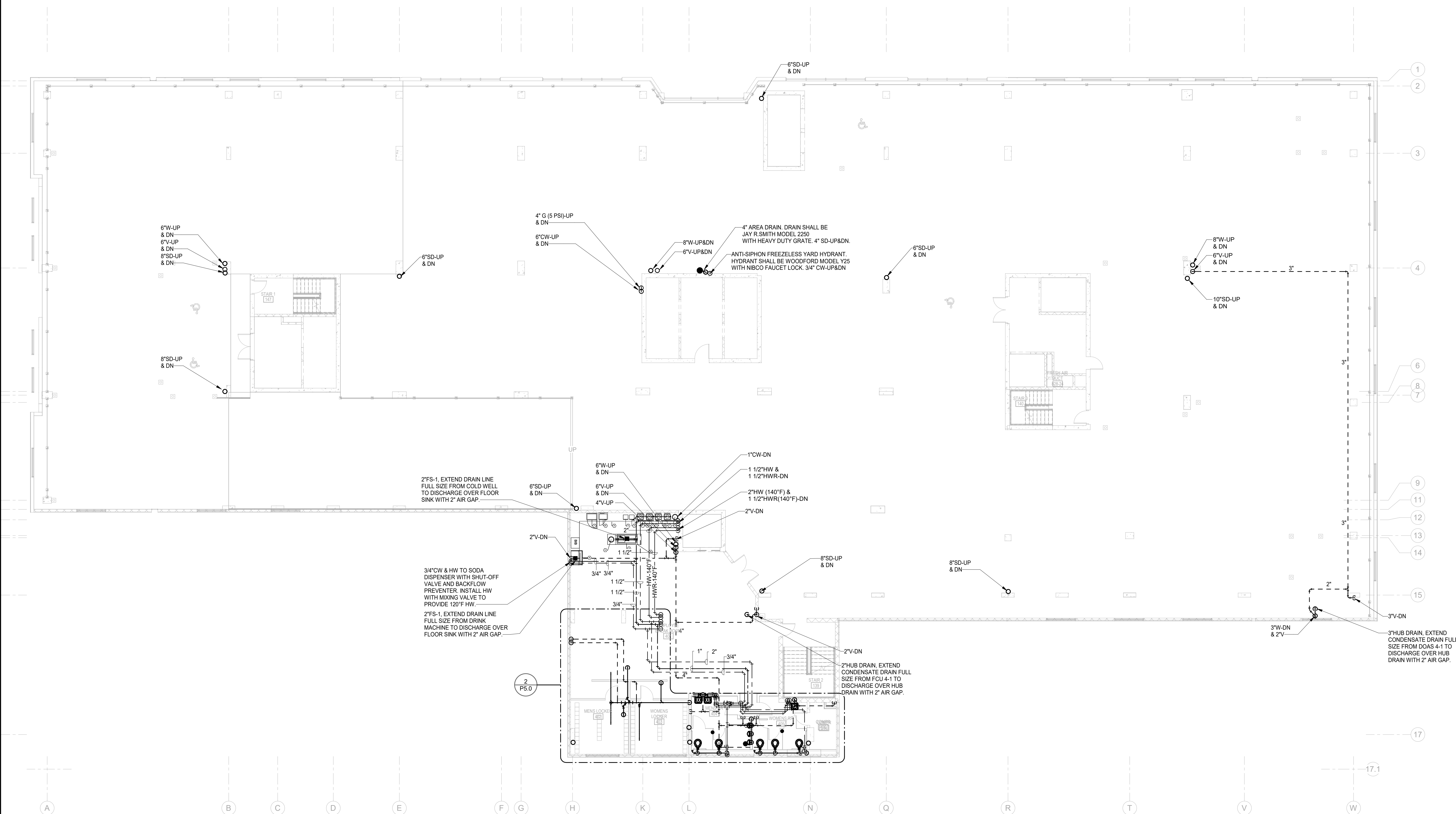




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[illegible]

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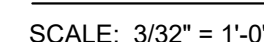


SCALE: 3/32" = 1'-0"



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1031 CANAL STREET  
NEW ORLEANS, LOUISIANA

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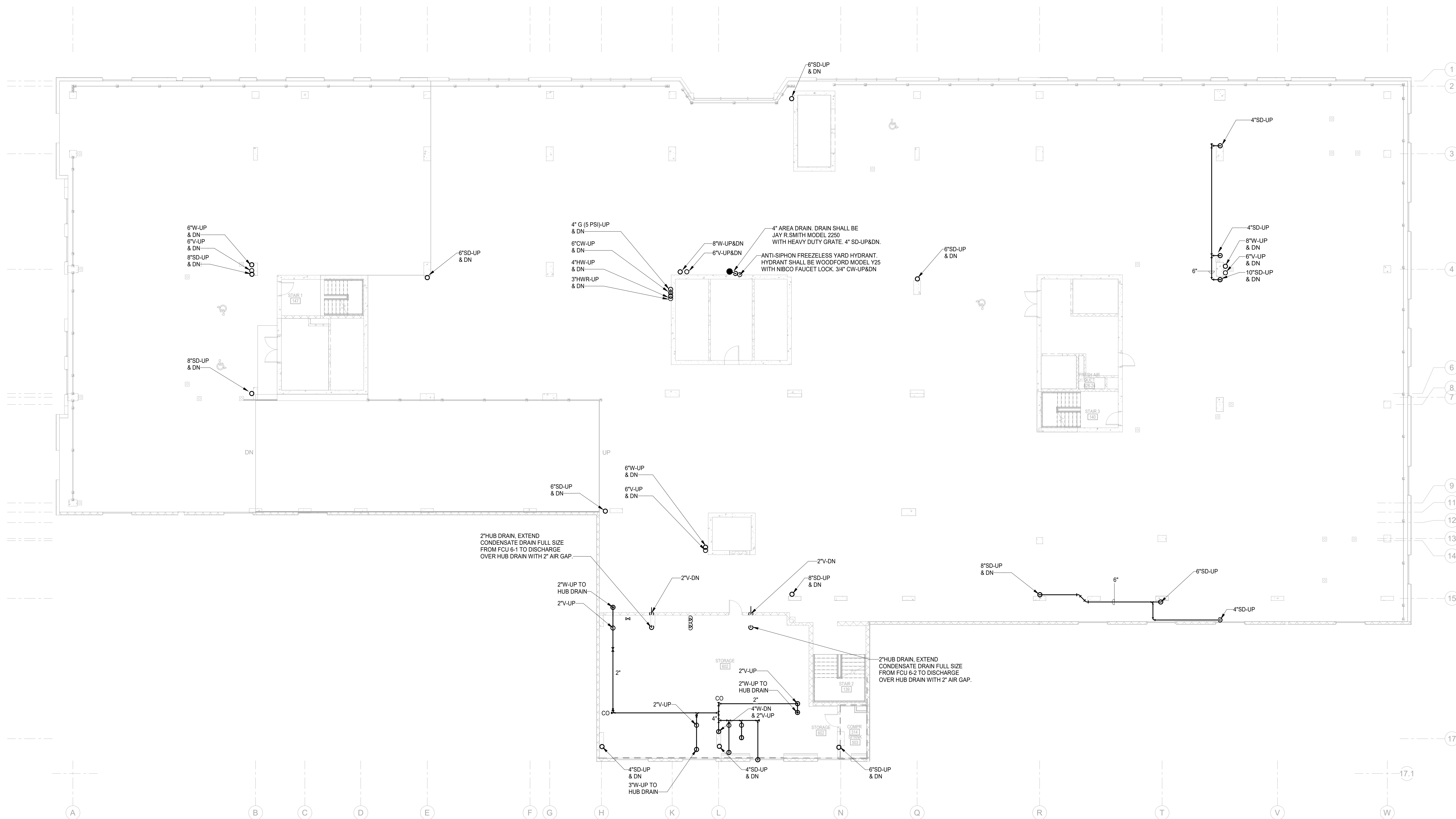
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[illegible]

6TH FLOOR PARKING  
PLUMBING

PROJECT#: 1709  
PHASE: PERMIT  
TEAM: MEI  
CHECKER: SP, RS  
SCALE: AS NOTED  
ISSUED: 06/05/2018

### P1.3.3



## 1 6TH FLOOR PARKING - PLUMBING

SCALE: 3/32" = 1'-0"

MOSES  
ENGINEERS

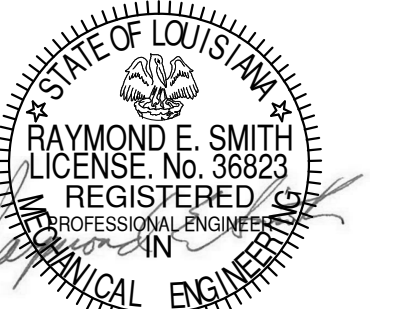
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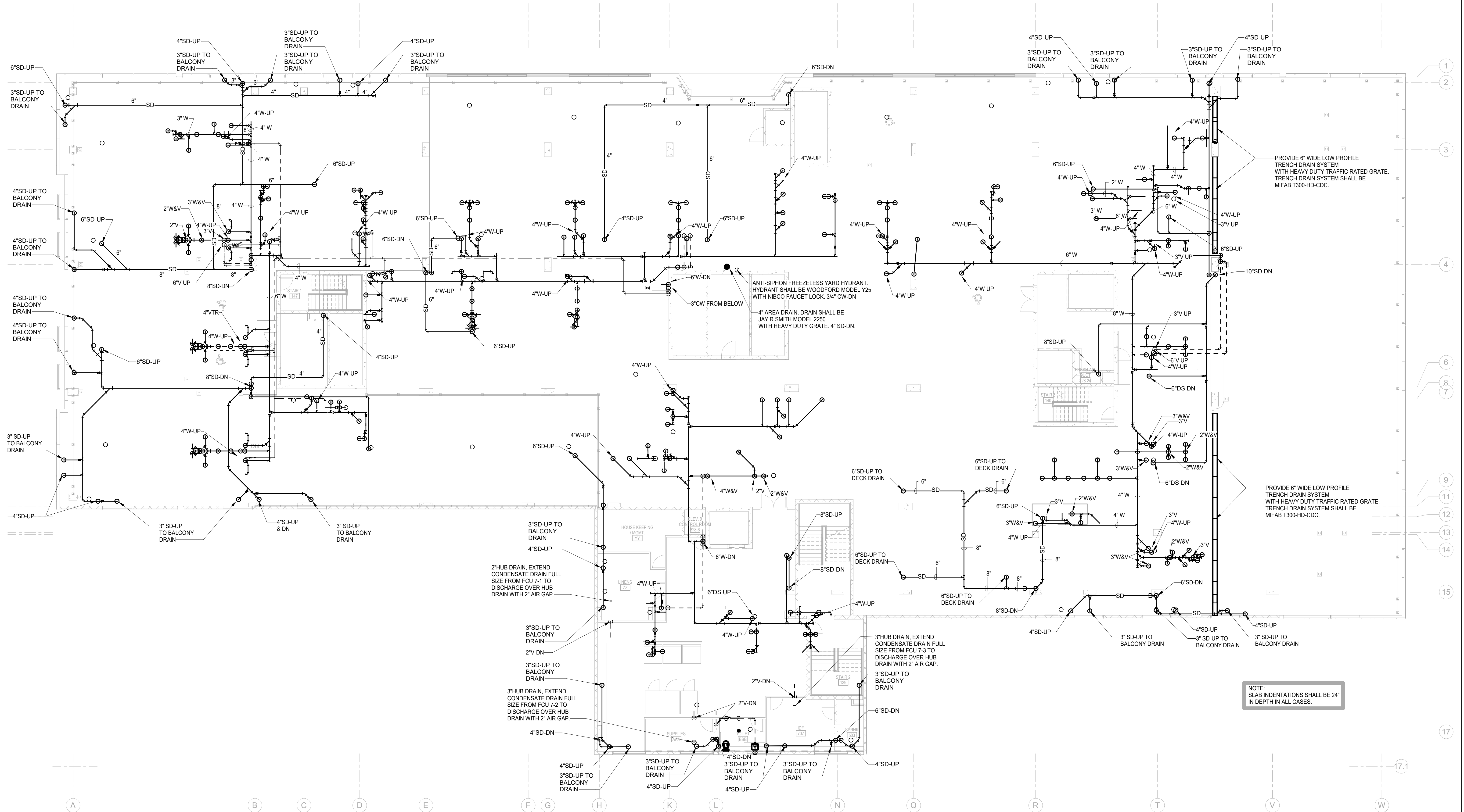
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[illegible]

TH FLOOR PARKING -  
PLUMBING

PROJECT#: 1709  
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### P1.3.4



**NOTE:**  
SLAB INDENTATIONS SHALL BE 24"  
IN DEPTH IN ALL CASES.

## 1 7TH FLOOR PARKING - PLUMBING

SCALE: 3/32" = 1'-0"

MOSES  
ENGINEERS

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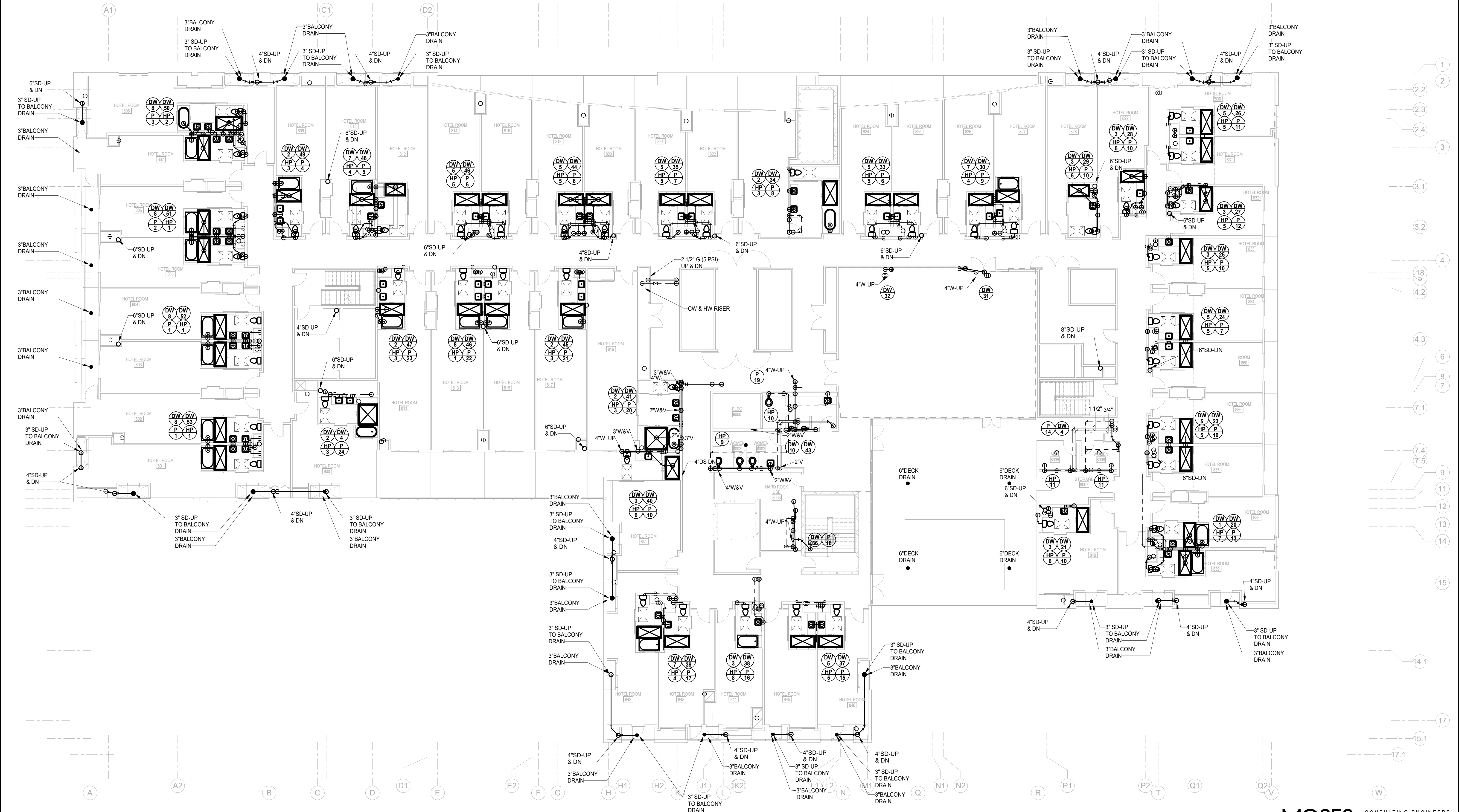
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[illegible]

3TH FLOOR - PLUMBING

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## P1.4



## 1 8TH FLOOR HOTEL - PLUMBING

SCALE: 3/32" = 1'-0"

MOSES  
ENGINEERS

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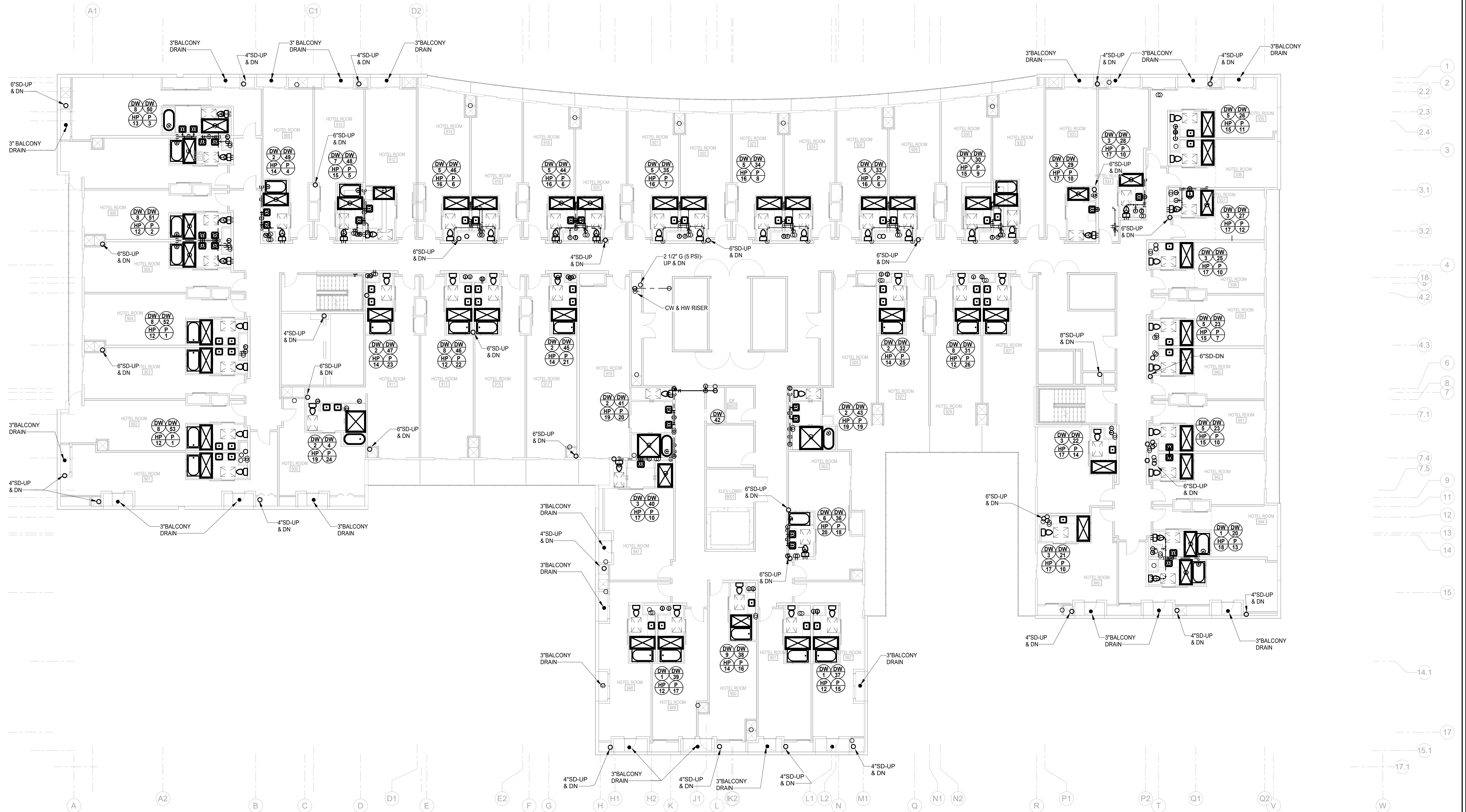
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[illegible]

9TH FLOOR - PLUMBING

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SCALE: AS NOTED  
ISSUED: 06/05/2018

### D1.4.1



## 1 9TH FLOOR HOTEL - PLUMBING

SCALE: 3/32" = 1'-0"

**MOSES**  
ENGINEERS

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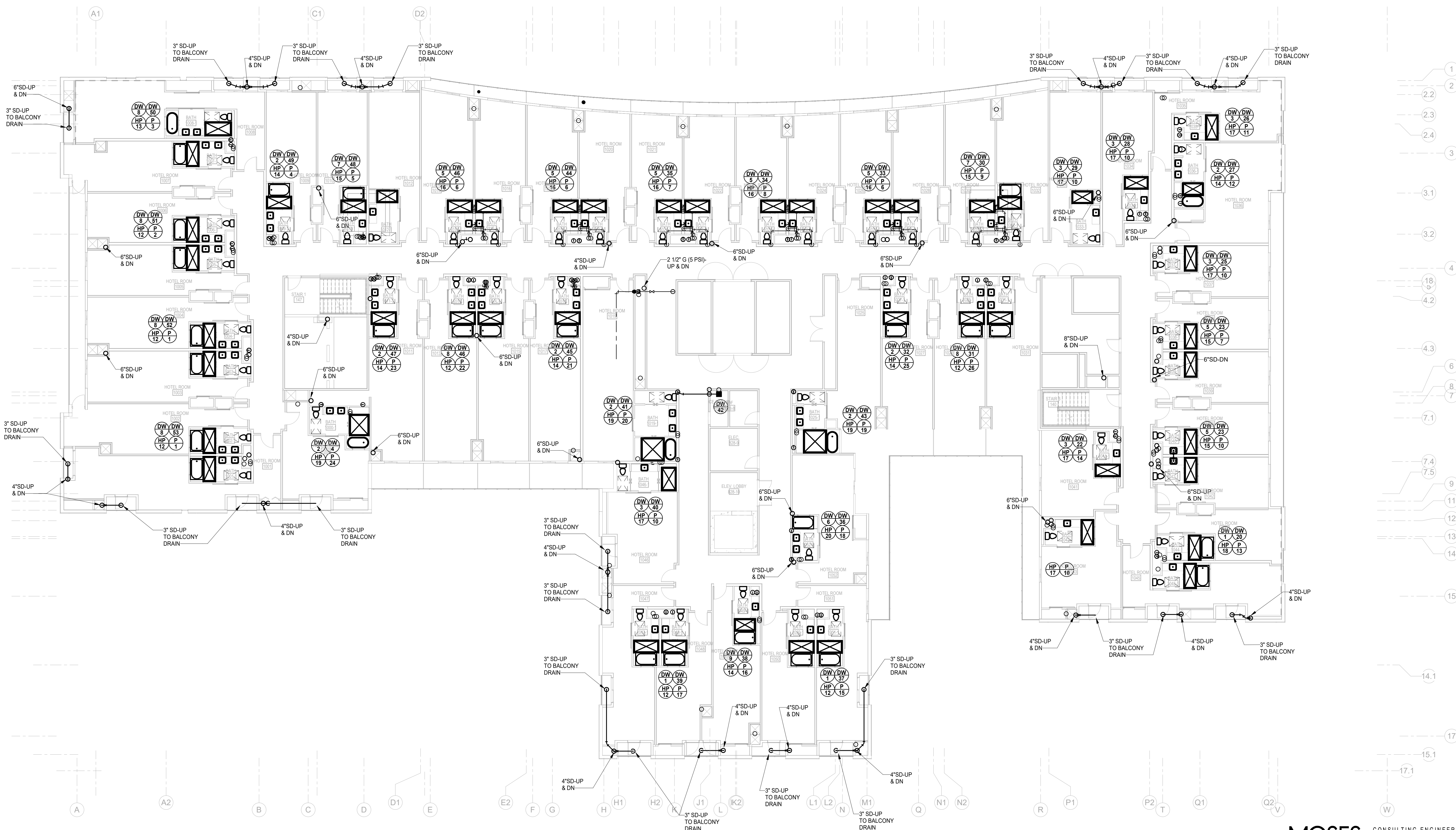
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[illegible]

10TH - 12TH FLOORS  
PLUMBING

PROJECT#: 1709  
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CHECKER: SP, RS  
SCALE: AS NOTED  
ISSUED: 06/05/2018

### P1.4.2



## 1 10TH - 12TH FLOOR HOTEL - PLUMBING

SCALE: 3/32" = 1'-0"

MOSES  
FUCHS

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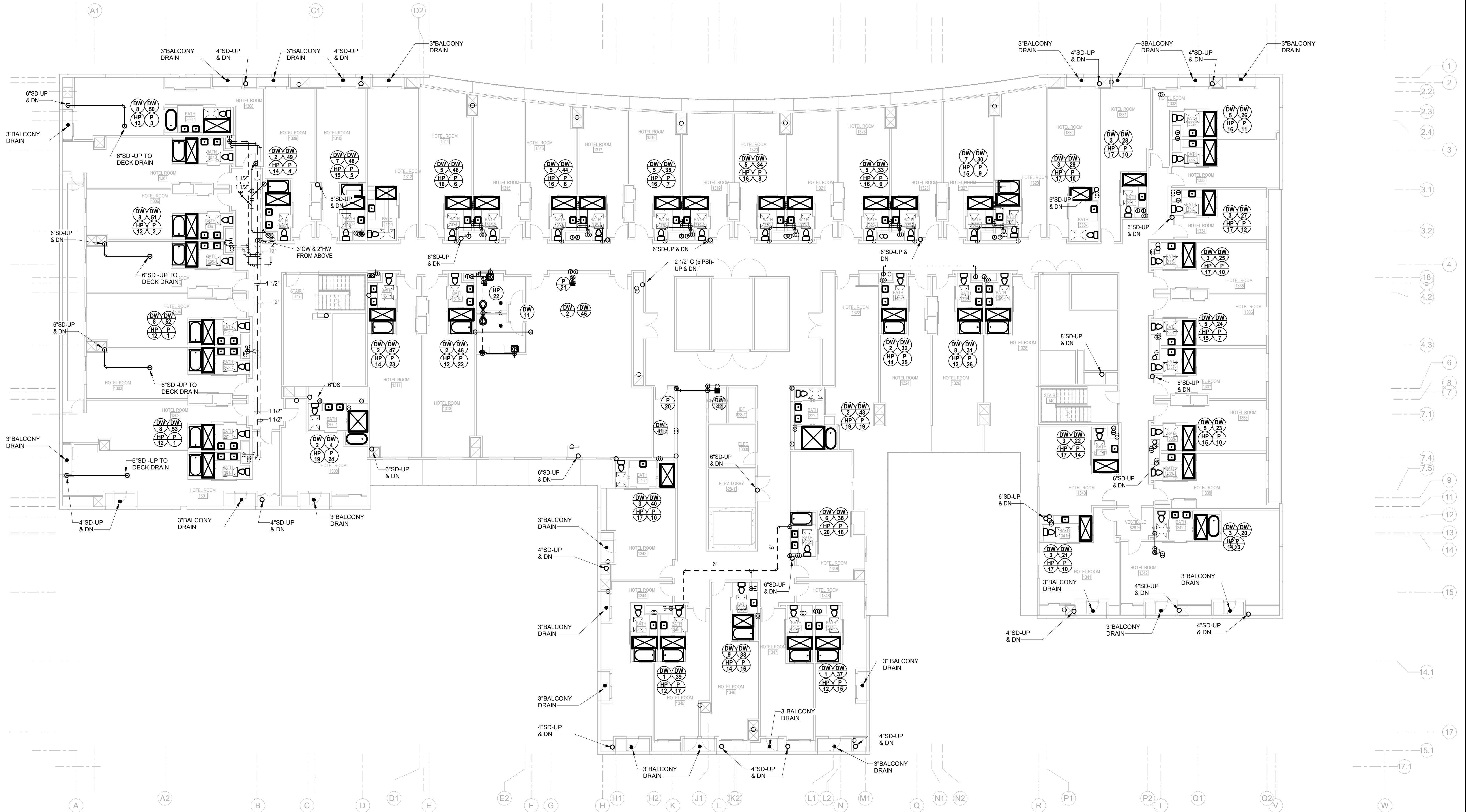
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[illegible]

3TH FLOOR - PLUMBING

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ISSUED: 06/05/2018

### ▷ 1.4.3



## 1 13TH FLOOR HOTEL - PLUMBING

SCALE: 3/32" = 1'-0"

# MOSES

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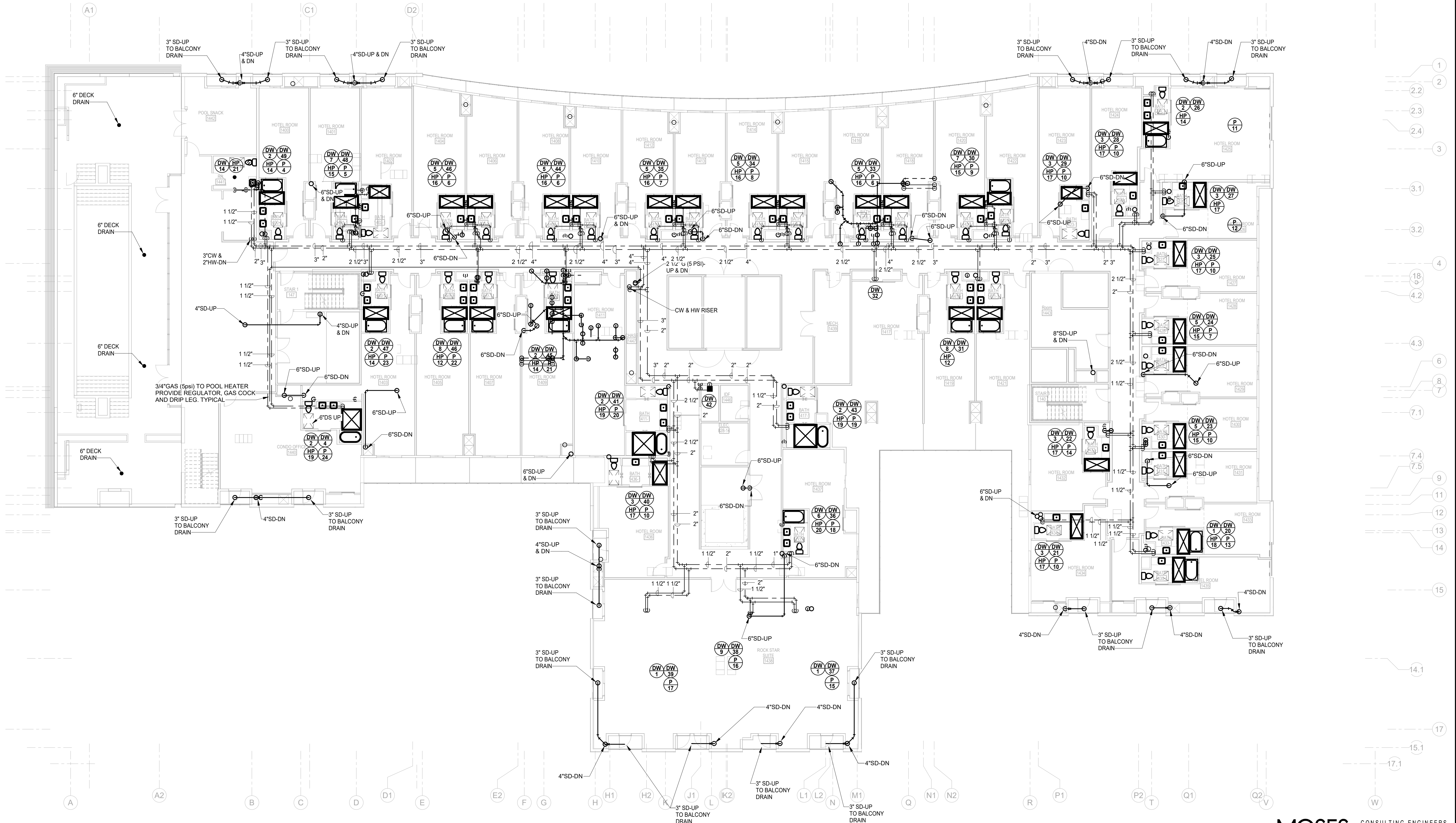
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[illegible]

4TH FLOOR - PLUMBING

PROJECT#: 1709  
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CHECKER: SP, RS  
SCALE: AS NOTED  
ISSUED: 06/05/2018

### P1.4.4



## 1 14TH FLOOR HOTEL & POOL DECK - PLUMBING

SCALE: 3/32" = 1'-0"

MOSES  
ENGINEERS

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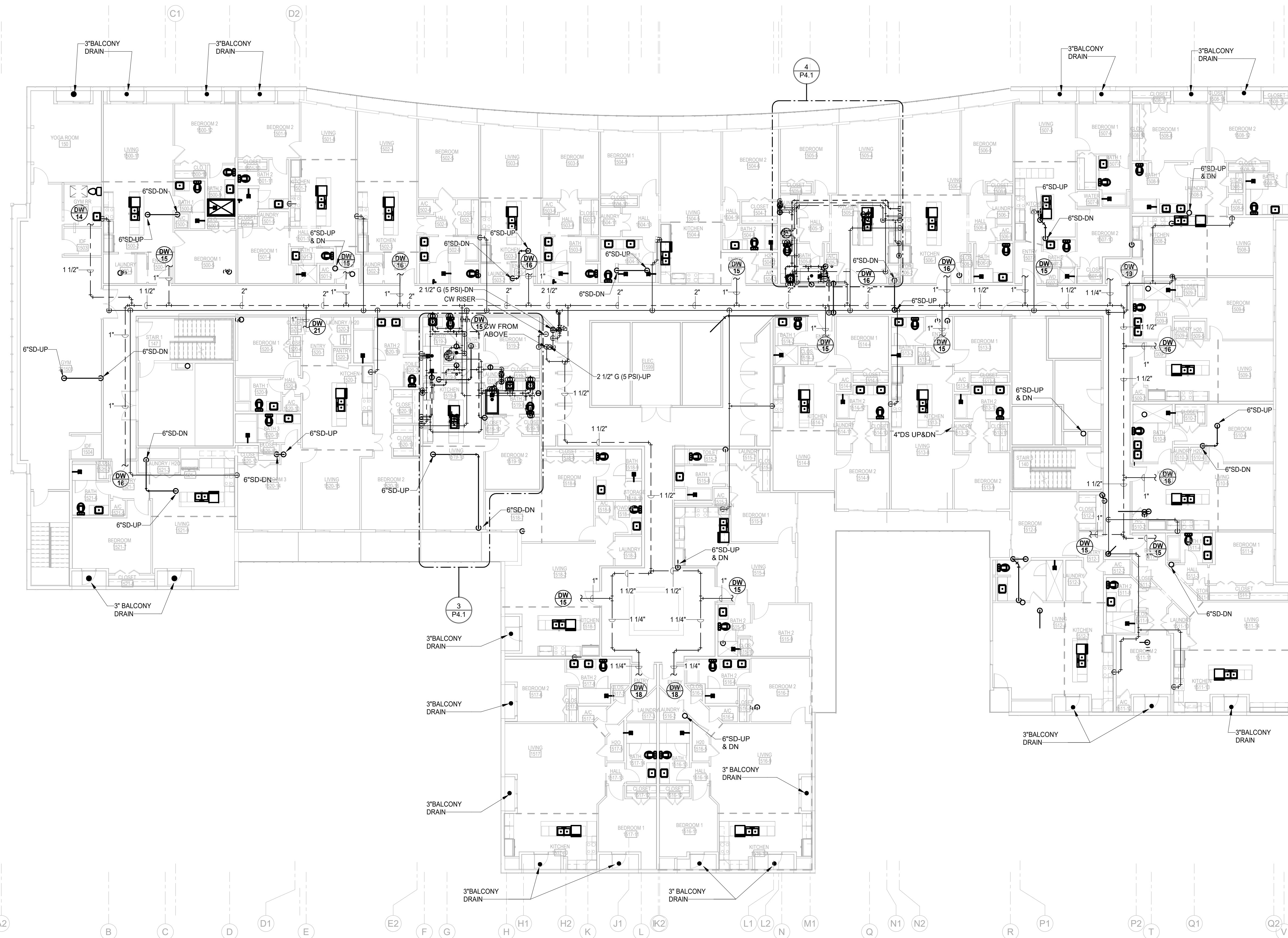
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[illegible]

15TH FLOOR - PLUMBING

PROJECT#: 1709  
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TEAM: MEI  
CHECKER: SP, RS  
SCALE: AS NOTED  
ISSUED: 06/05/2018

## P1.4.5



## 1 15TH FLOOR CONDOS - PLUMBING

SCALE: 3/32" = 1'-0"

MOSES  
ENGINEERS

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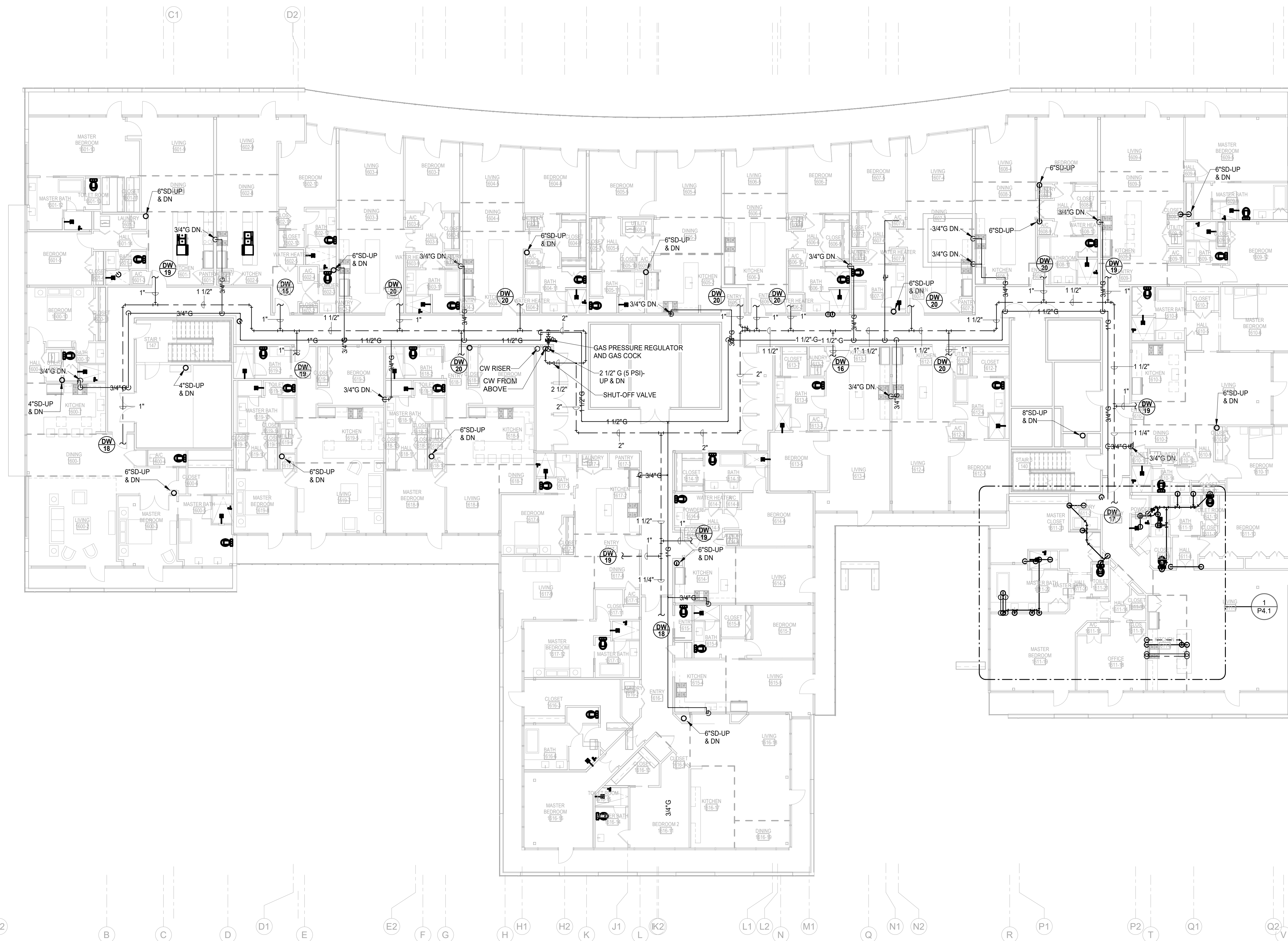
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[illegible]

16TH FLOOR - PLUMBING

PROJECT#: 1709  
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## P1.4.6



## 1 16TH FLOOR PENTHOUSE - PLUMBING

SCALE: 3/32" = 1'-0"

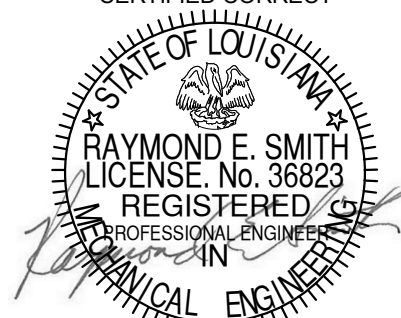
MOSES  
ENGINEERS

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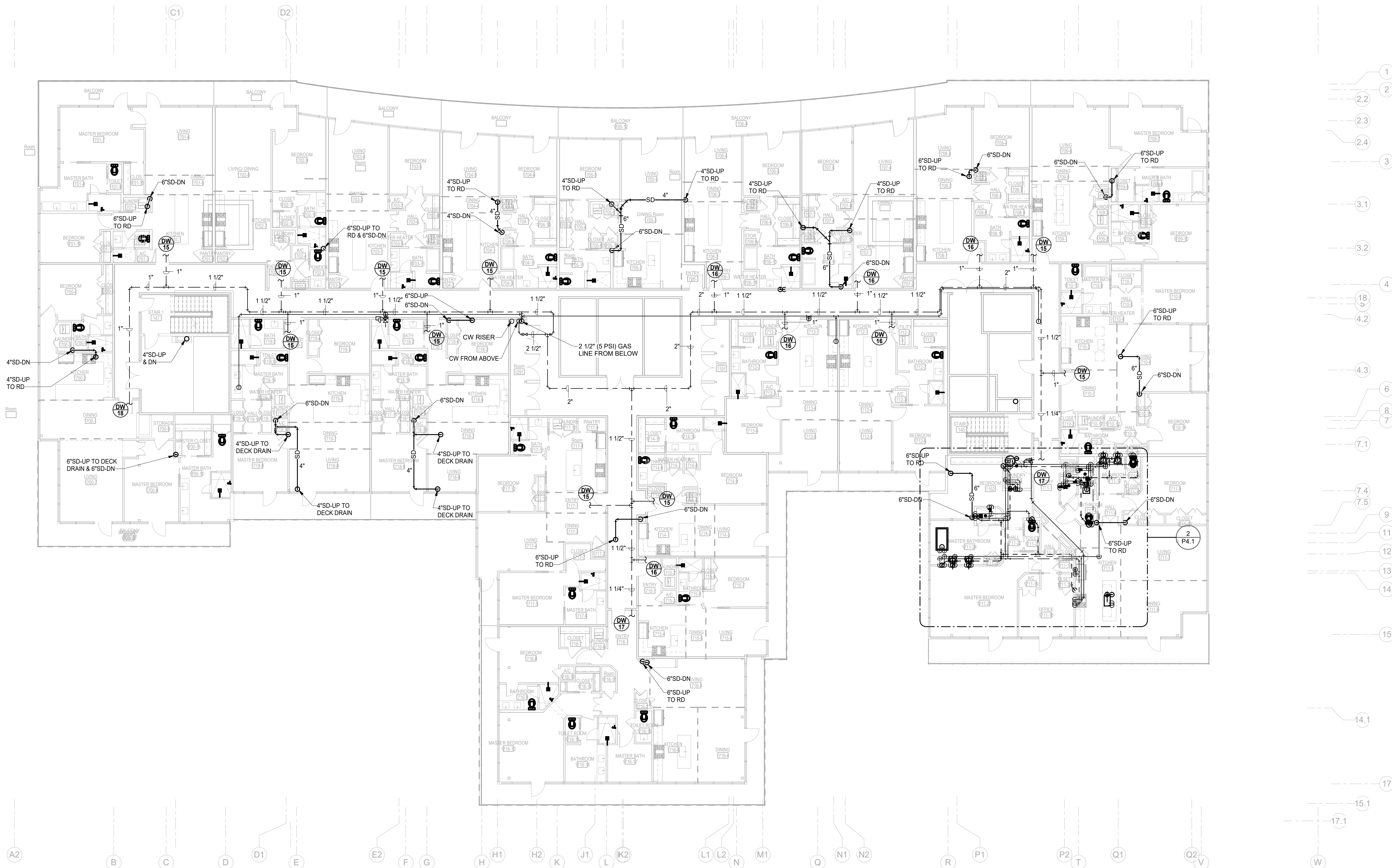
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[illegible]

17TH FLOOR - PLUMBING

PROJECT#: 1709  
PHASE: PERMIT  
TEAM: MEI  
CHECKER: SP, RS  
SCALE: AS NOTED  
ISSUED: 06/05/2018

### P1.4.7



## 1 17TH FLOOR PENTHOUSE - PLUMBING

SCALE: 3/32" = 1'-0"

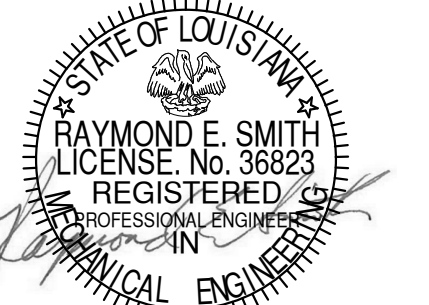
# MOSES

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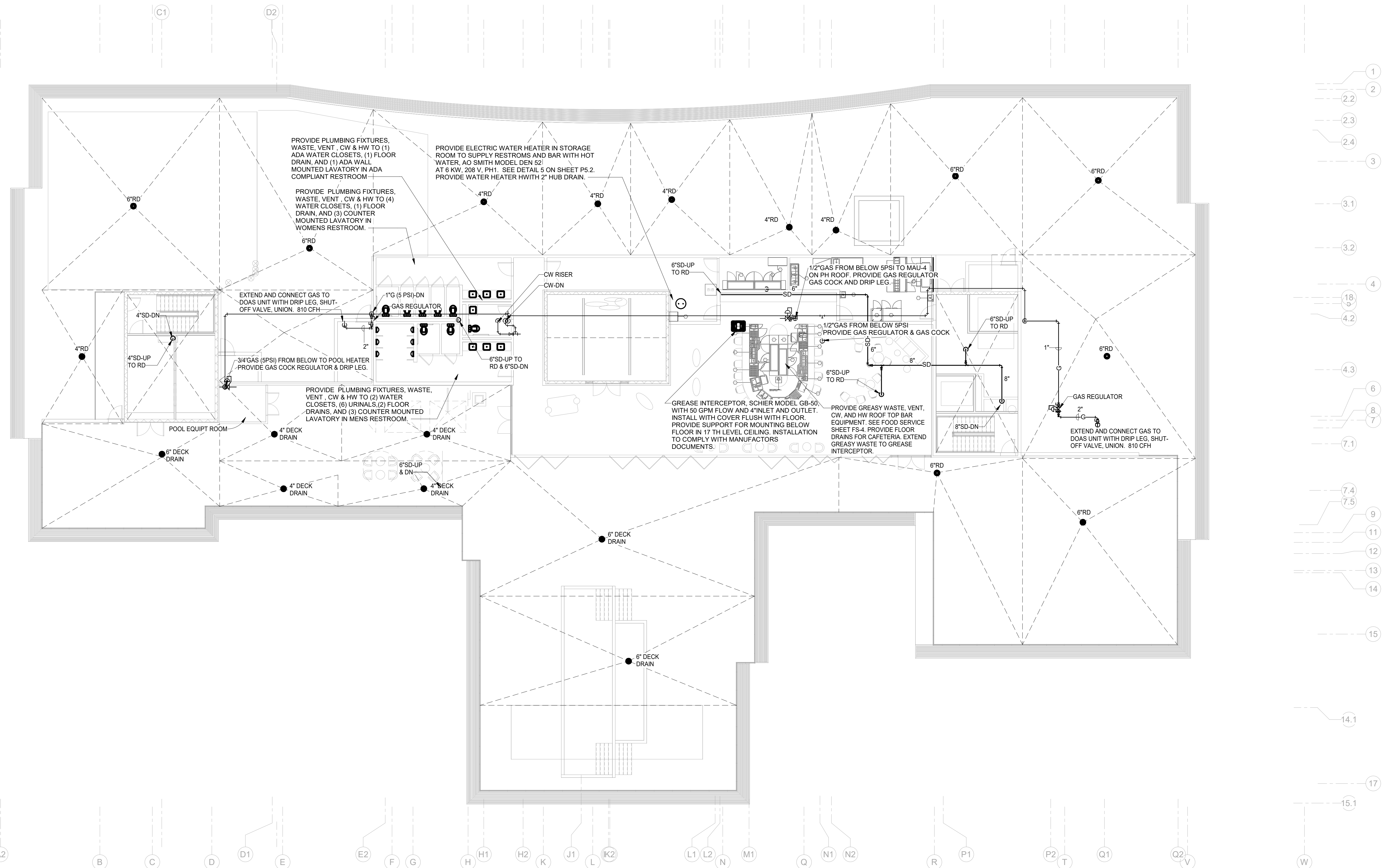


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[illegible]

ROOF DECK - PLUMBING

PROJECT#: 1709  
PHASE: PERMIT  
TEAM: MEI  
CHECKER: SP, RS  
SCALE: AS NOTED  
ISSUED: 06/05/2018



## 1 18TH FLOOR ROOF DECK - PLUMBING

SCALE: 3/32" = 1'-0"

SCALE: 1/4" = 1'-0"

SCALE: 1/4" = 1'-0"

SCALE: 1/4" = 1'-0"

SCALE: 1/4" = 1'-0"

## SHEET REFERENCE NOTES

- 1 3/4" CW AND 3" SANITARY VENT DOWN TO WATER CLOSET.
- 2 3/4" CW, 3/4" HW, AND 2" SANITARY VENT DOWN TO LAVATORY.
- 3 3/4" CW AND 3/4" HW DOWN TO SHOWER VALVE.
- 4 3/4" CW AND 3/4" HW DOWN TO BELOW FLOOR TO KITCHEN SINK ISLAND ON THIS FLOOR.
- 4 3/4" CW, 3/4" HW, AND 2" SANITARY WITH ISLAND VENT TO KITCHEN SINK.
- 5 3/4" GAS DOWN TO RANGE/OVEN, PROVIDE WITH DIRT LEG, SHUT-OFF, AND FULL PORT FLEX LINE FROM SHUT-OFF TO FIREKITE.
- 6 3/4" CW AND 3/4" HW DOWN TO BELOW FLOOR TO KITCHEN SINK ISLAND ON THIS FLOOR.
- 7 1/2" CW DOWN TO ICE MAKER BOX.
- 8 CONNECT 3/4" CW AND 3/4" HW TO WATER HEATER, PROVIDE WATER HEATER WITH SAFE PAN, SHUT-OFF VALVES, AND UNIONS. ROUTE DRAIN PIPING FROM TPR AND SAFE PAN TO FLOOR DRAIN.
- 9 PROVIDE PUMP WITH FLEXIBLE CONNECTORS, VIBRATION HANDGERS, SHUT-OFF VALVES, UNIONS, CHECK VALVE, AND BALANCE VALVE.
- 10 2" SANITARY VENT DOWN TO SHOWER DRAIN.
- 11 2" SANITARY VENT DOWN TO FLOOR DRAIN.
- 13 CONNECT 3/4" GAS, 1" CW, AND 3" SANITARY VENT PIPING TO PIPING IN CORRIDOR.
- 14 2" SANITARY VENT DOWN TO FLOOR BELOW TO ISLAND VENT FOR THIS FLOOR.
- 15 3/4" CW, 3/4" HW, AND 2" SANITARY VENT DOWN TO WASHER BOX.
- 16 3/4" CW, 3/4" HW, AND 2" SANITARY VENT DOWN TO BELOW FOR BATH TUB.
- 17 3/4" CW, 3/4" HW, AND 2" SANITARY VENT FROM BELOW.
- 18 2" SANITARY VENT DOWN TO HUB DRAIN.
- 19 4" SANITARY UP TO WATER CLOSET ABOVE.
- 20 2" SANITARY UP TO LAVATORY ABOVE.
- 21 2" SANITARY UP TO SHOWER DRAIN ABOVE.
- 22 3/4" CW, 3/4" HW, AND 2" SANITARY UP TO SHOWER DRAIN ABOVE.
- 23 4" SANITARY DOWN.
- 24 3/4" CW, 3/4" HW, AND 2" VENT FROM ABOVE.
- 25 2" SANITARY UP TO WASHER BOX ABOVE.
- 26 3" SANITARY UP TO FLOOR DRAIN ABOVE.
- 27 3/4 CW AND 3/4 HW FROM ABOVE.
- 28 2" SANITARY DOWN.
- 29 2" SANITARY VENT TO ABOVE.
- 30 2" SANITARY UP TO ISLAND DRAIN ABOVE.

HARD ROCK  
1031 CANAL STREET  
NEW ORLEANS, LOUISIANA

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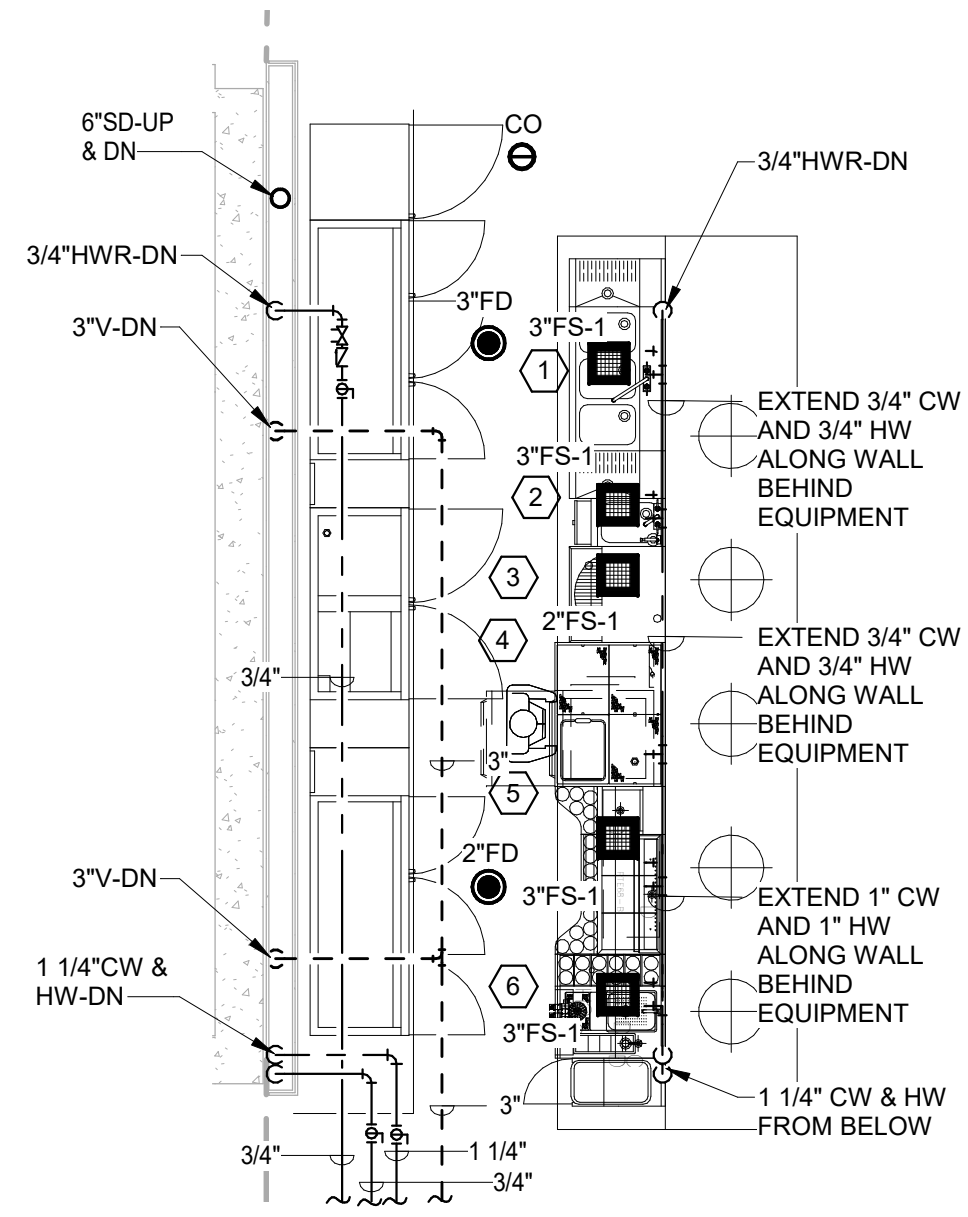


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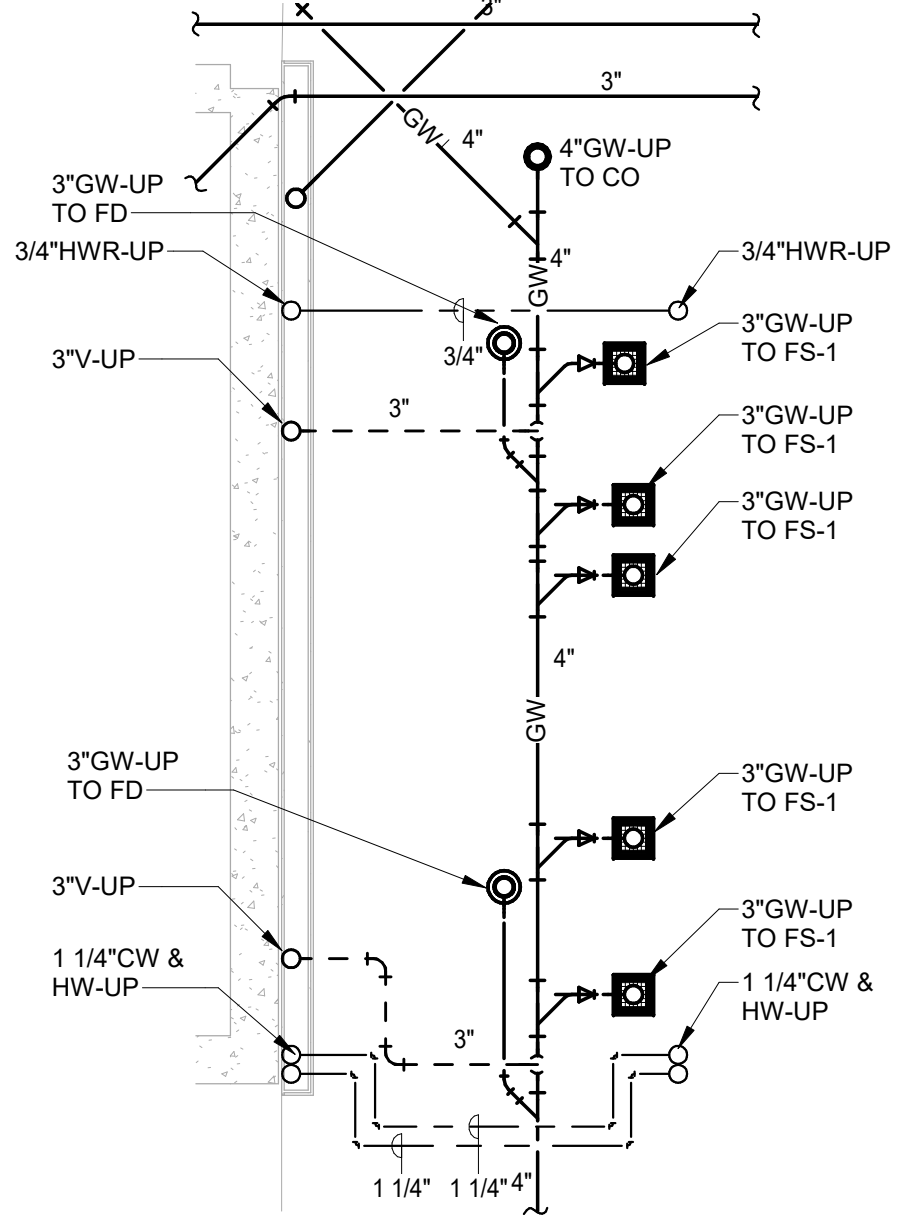
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PLUMBING ENLARGED  
PLANS

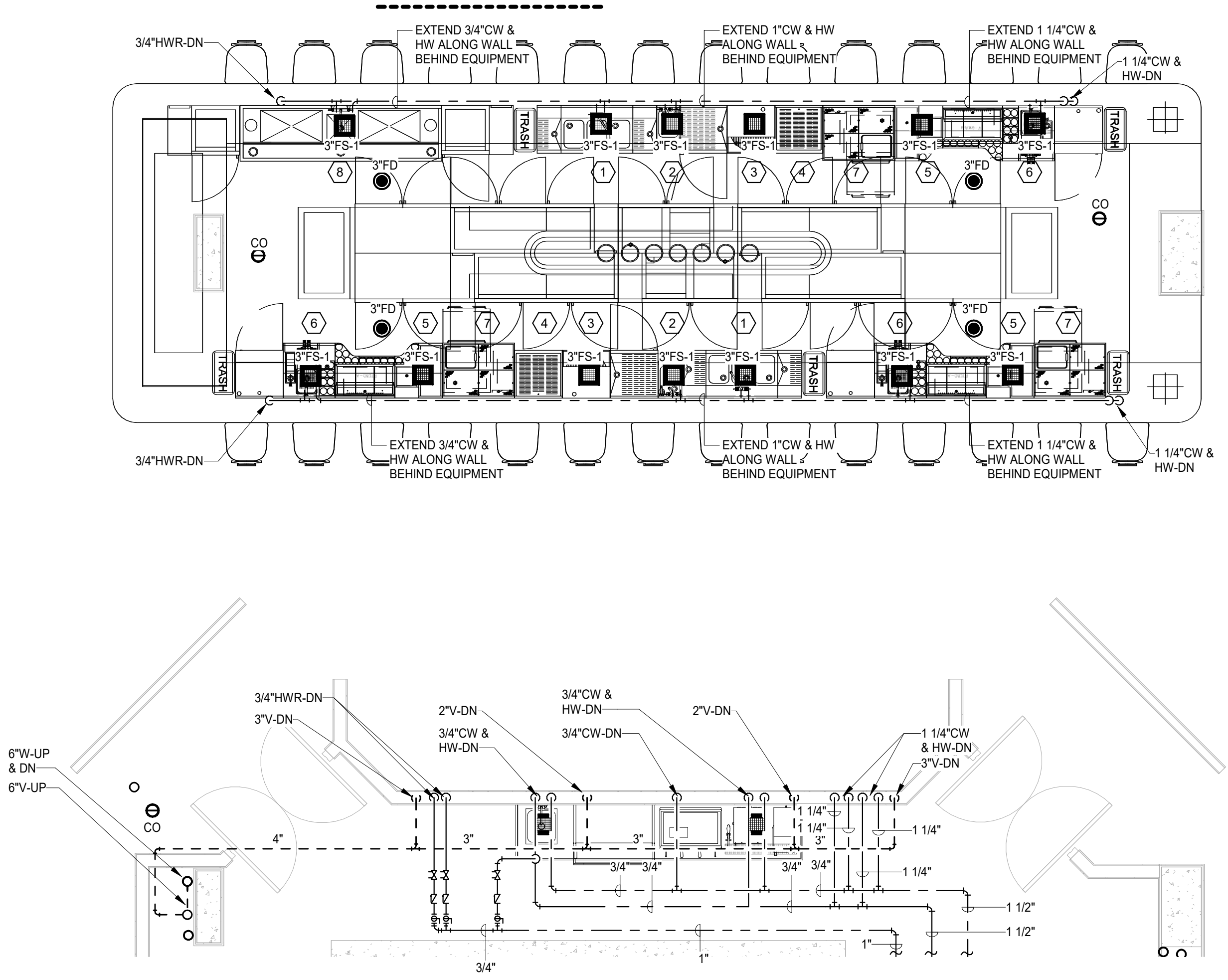
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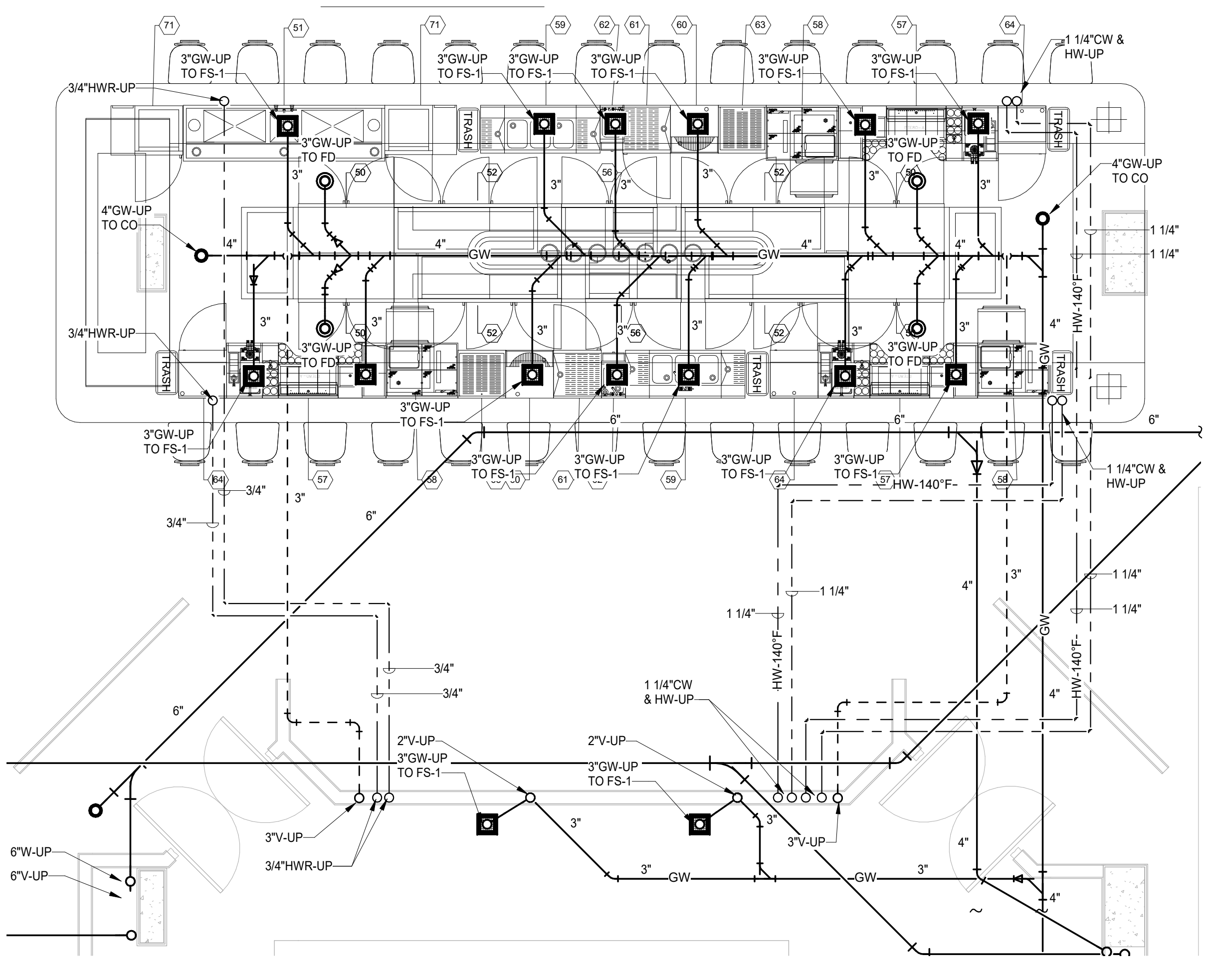
**1 SESSIONS BAR - GROUND LEVEL - PLUMBING**  
SCALE: 1/4" = 1'-0"



**2 SESSIONS BAR - UNDER GROUND LEVEL - PLUMBING**  
SCALE: 1/4" = 1'-0"



**3 PEARL BAR - GROUND LEVEL - PLUMBING**  
SCALE: 1/4" = 1'-0"



**4 PEARL BAR - UNDER GROUND LEVEL - PLUMBING**  
SCALE: 1/4" = 1'-0"

**SHEET REFERENCE NOTES**

- 1 EXTEND 1/2" CW & 1/2" HW SUPPLIES WITH SHUT-OFF VALVES TO SINK FAUCET. EXTEND (3) 1 1/2" DRAIN TO 2" DRAIN AND DISCHARGE OVER FLOOR SINK WITH 2" AIR GAP. EXTEND DRAIN BOARD DRAIN FULL SIZE TO DISCHARGE OVER FLOOR SINK WITH 2" AIR GAP.
- 2 EXTEND 1/2" CW & 1/2" HW SUPPLIES WITH SHUT-OFF VALVES TO HAND SINK FAUCET. PROVIDE WITH MIXING TO SUPPLY 110°F HW. EXTEND 1-1/2" DRAIN FROM SINK TO DISCHARGE OVER FLOOR SINK WITH 2" AIR GAP.
- 3 EXTEND 1/2" HW WITH SHUT-OFF VALVE AND BACKFLOW PREVENTER TO GLASS WASHER. EXTEND 1 1/2" DRAIN TO DISCHARGE OVER FLOOR SINK WITH 2" AIR GAP.
- 4 EXTEND 1 1/2" DRAIN FROM DRAIN BOARD TO DISCHARGE OVER FLOOR SINK WITH 2" AIR GAP.
- 5 EXTEND 3/4" DRAIN FROM BACK BAR CABINET AND DISCHARGE OVER FLOOR FLOOR DRAIN WITH 2" AIR GAP.
- 6 EXTEND 1/2" CW & 1/2" HW SUPPLIES WITH SHUT-OFF VALVES TO SINK FAUCET. PROVIDE WITH MIXING TO SUPPLY 110°F HW. EXTEND 1-1/2" DRAIN FROM SINK TO DISCHARGE OVER FLOOR SINK WITH 2" AIR GAP.
- 7 EXTEND 1 1/2" DRAIN FROM WORK CENTER TO DISCHARGE OVER FLOOR SINK WITH 2" AIR GAP.
- 8 EXTEND 1 1/2" DRAIN FROM WORK CENTER TO DISCHARGE OVER FLOOR SINK WITH 2" AIR GAP.

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NEW ORLEANS, LOUISIANA

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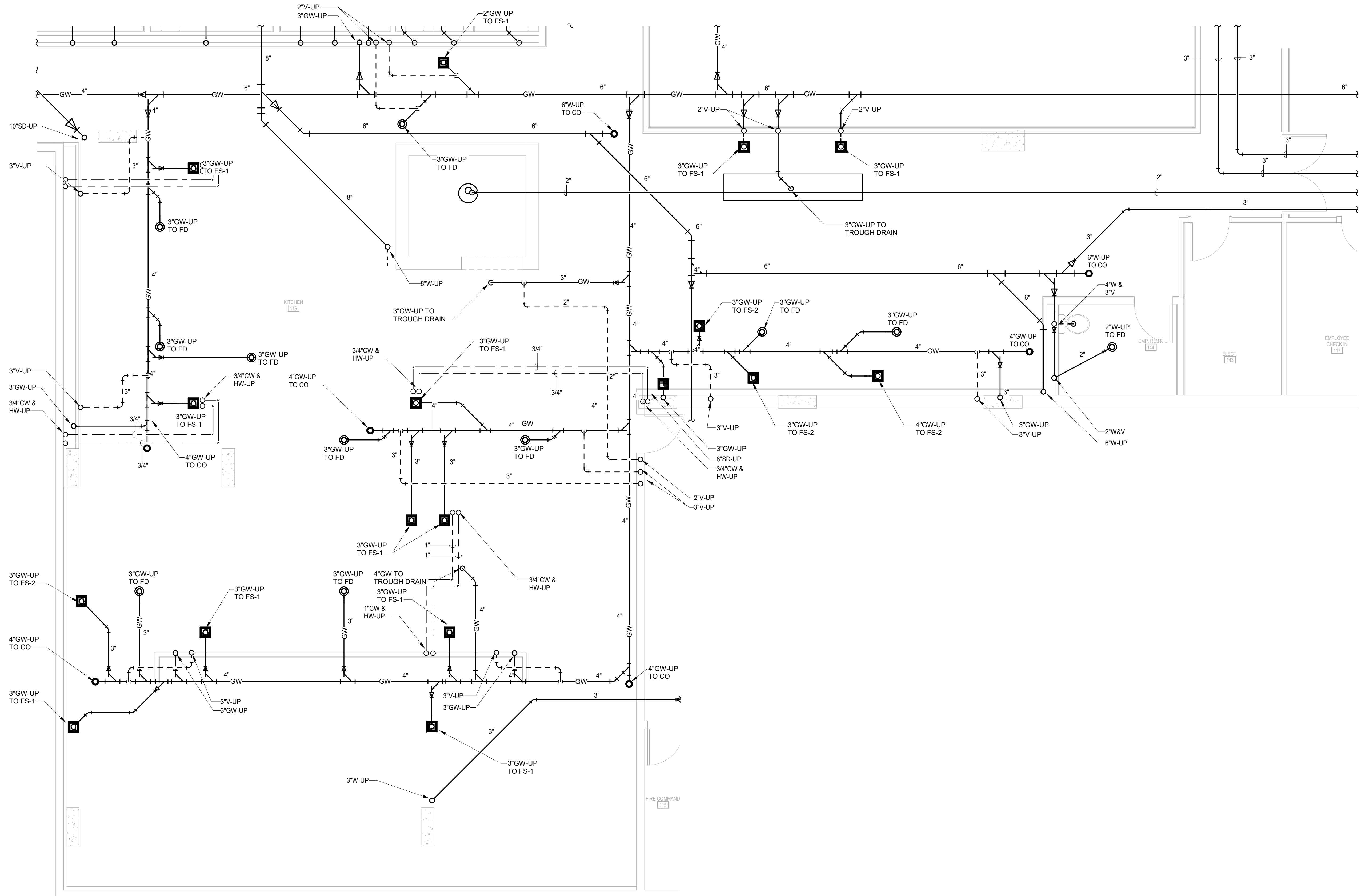
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## P4.3

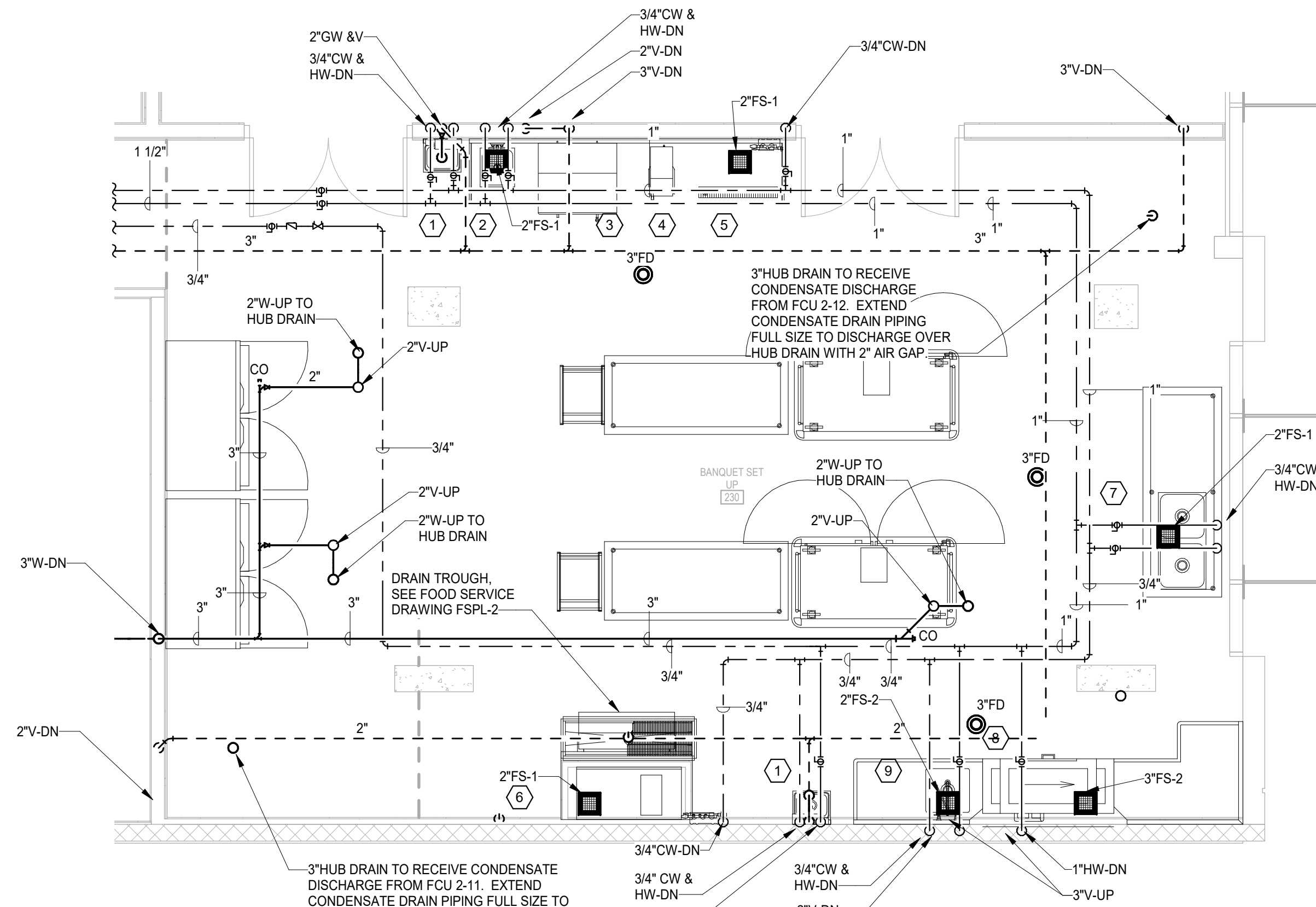


# 1 KITCHEN - UNDER GROUND LEVEL - PLUMBING

**MOSES**  
ENGINEERS

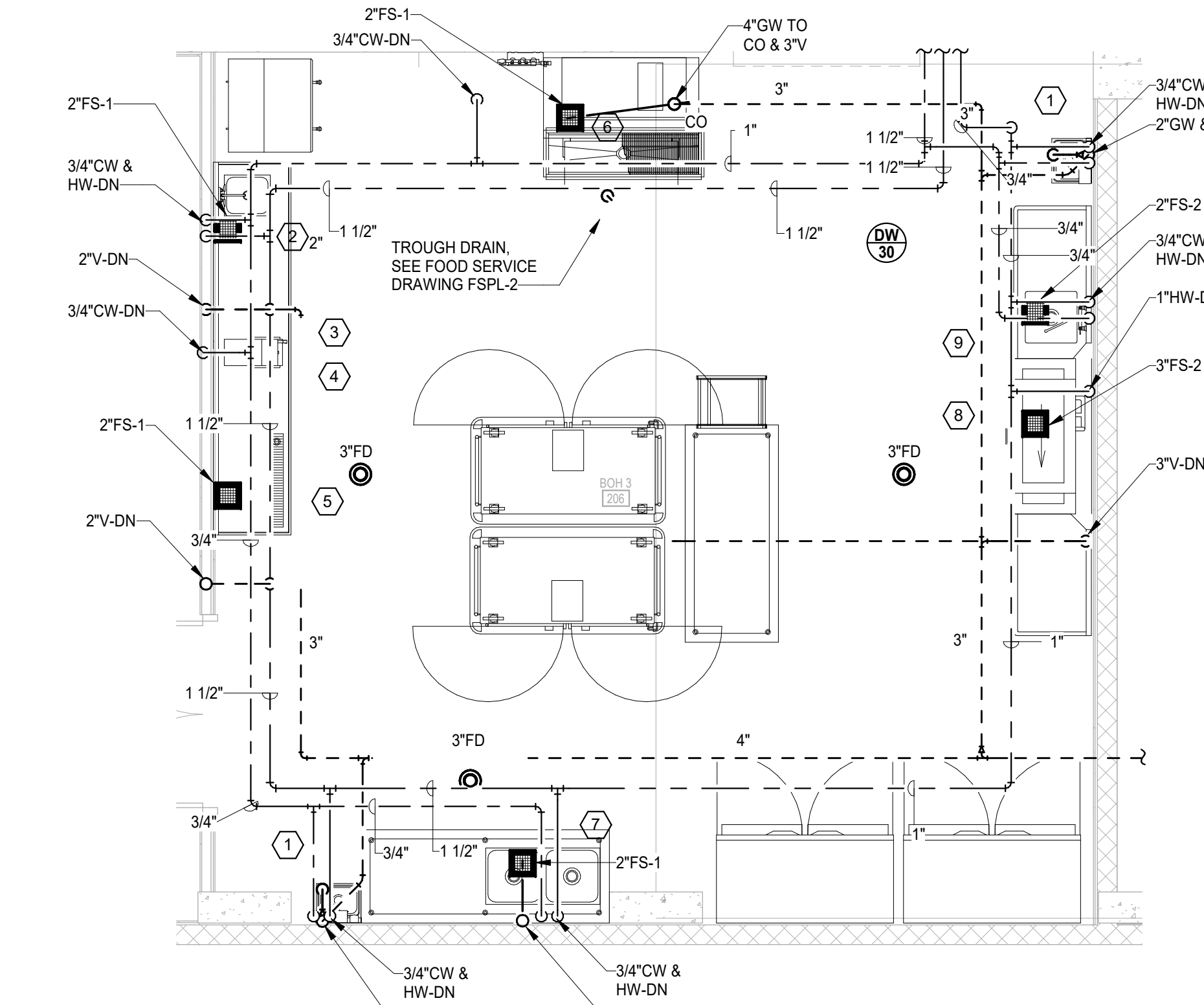
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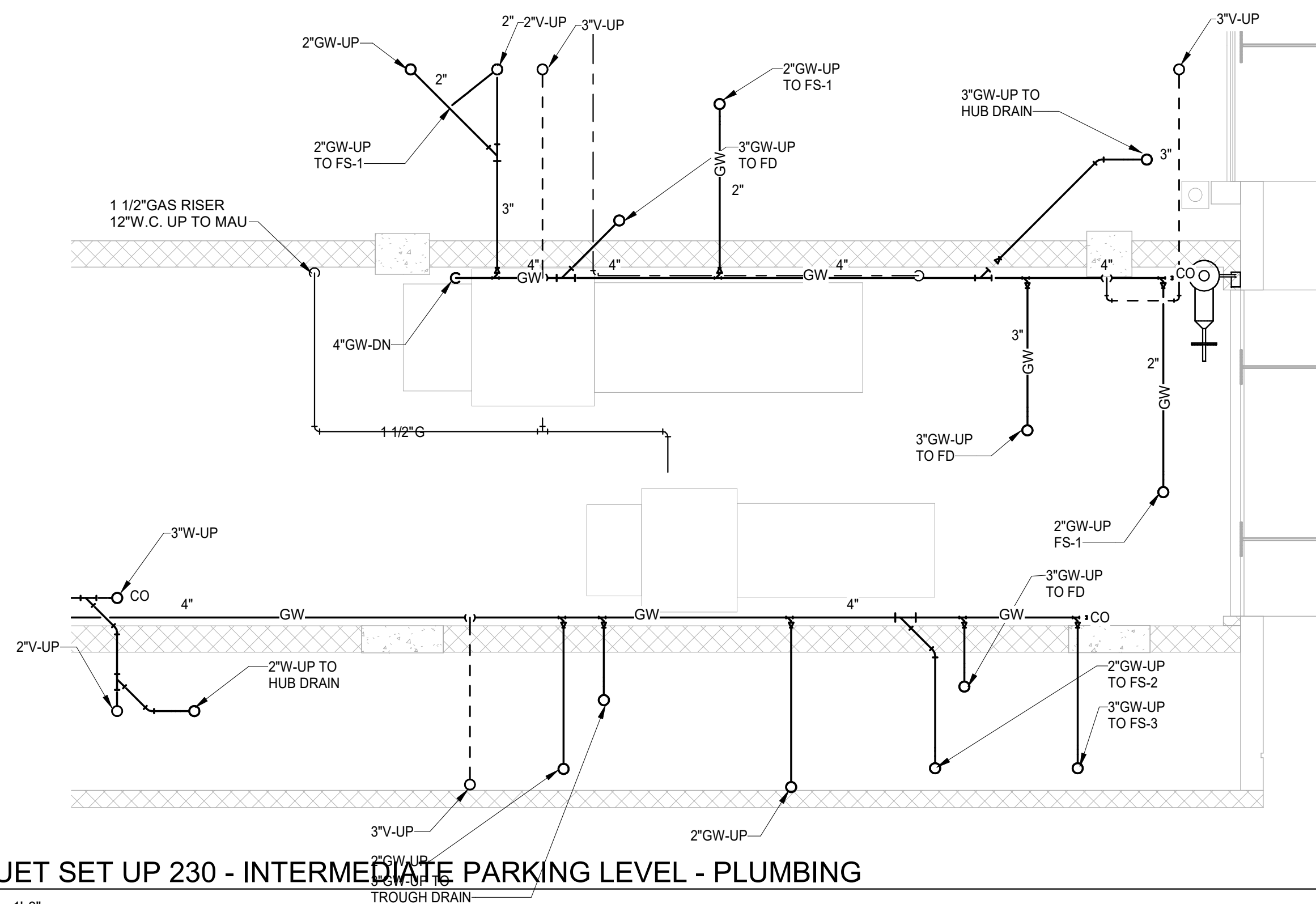
**1 BANQUET SET UP 230 - SECOND LEVEL - PLUMBING**

SCALE: 1/4" = 1'-0"



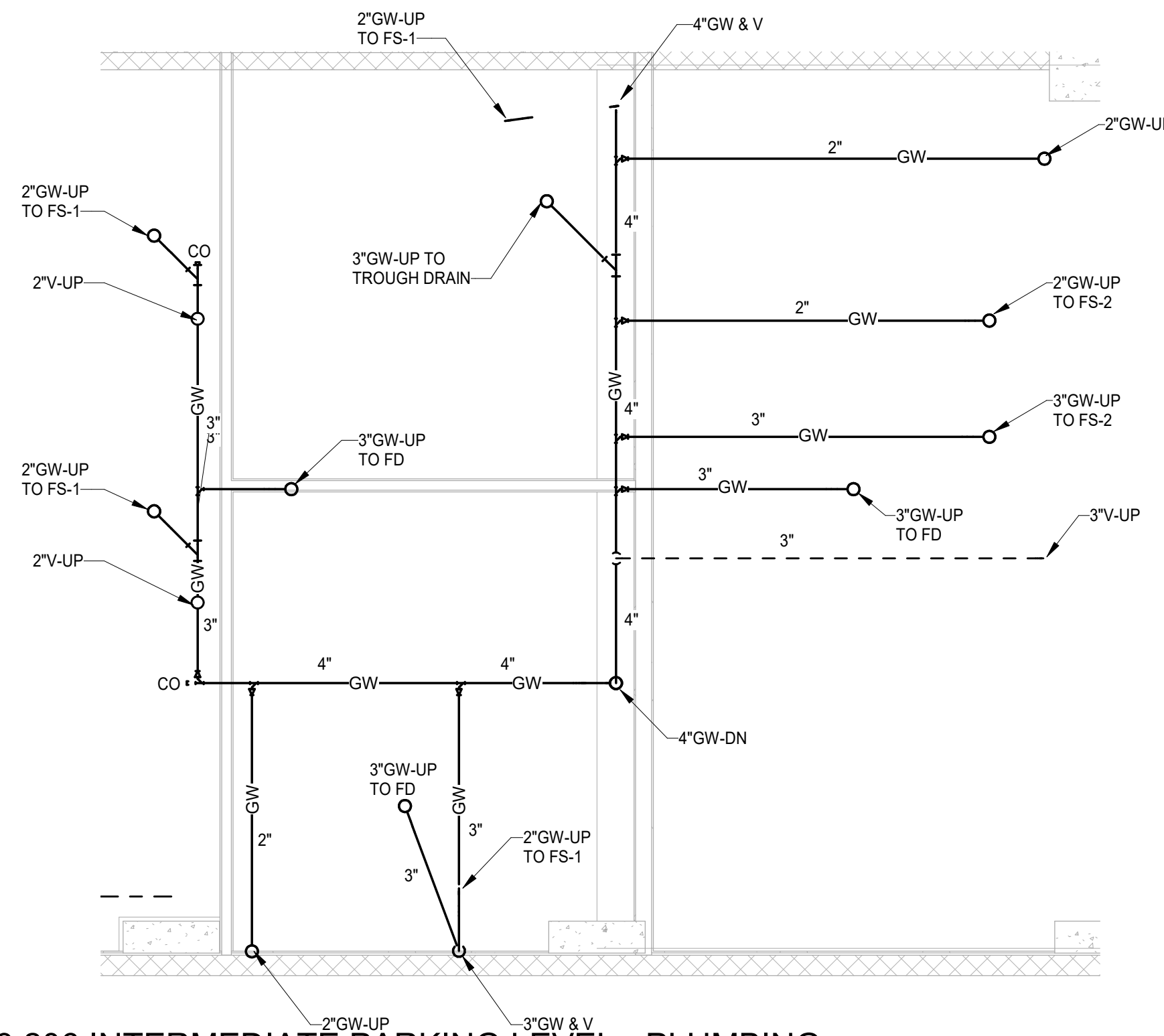
**3 BOH 3 206 SECOND LEVEL RETAIL - PLUMBING**

SCALE: 1/4" = 1'-0"



**2 BANQUET SET UP 230 - INTERMEDIATE PARKING LEVEL - PLUMBING**

SCALE: 1/4" = 1'-0"



**4 BOH 3 206 INTERMEDIATE PARKING LEVEL - PLUMBING**

SCALE: 1/4" = 1'-0"

## SHEET REFERENCE NOTES

1. EXTEND 1/2" CW & 1/2" HW WITH SHUT-OFF VALVES TO HAND SINK FAUCET. PROVIDE WITH MIXING VALVE TO SUPPLY 110°F HW. PROVIDE WITH 1-1/2" DRAIN WITH CLEANOUT.
2. EXTEND 1/2" CW & 1/2" HW WITH SHUT-OFF VALVES TO SINK FAUCET. PROVIDE WITH MIXING VALVE TO SUPPLY 110°F HW. EXTEND 1-1/2" DRAIN TO DISCHARGE OVER FLOOR SINK WITH 2" AIR GAP.
3. EXTEND 1/2" CW WITH SHUT-OFF VALVE AND WATER FILTER TO COFFEE BREWER.
4. EXTEND 1/2" CW WITH SHUT-OFF VALVE AND WATER FILTER TO TEA BREWER.
5. EXTEND 1-1/2" DRAIN FROM BEVERAGE COUNTER TO DISCHARGE OVER FLOOR SINK WITH 2" AIR GAP.
6. EXTEND 3/4" CW SUPPLY WITH SHUT-OFF VALVE, BACKFLOW PREVENTER, AND FILTRATION SYSTEM TO ICE MAKER. EXTEND 3/4" DRAIN FROM ICE MAKER AND 1" DRAIN FROM ICE BIN TO DISCHARGE OVER FLOOR SINK WITH 2" AIR GAP.
7. EXTEND 3/4" CW & 3/4" HW SUPPLIES WITH SHUT-OFF VALVE TO FAUCET. PROVIDE MIXING VALVE TO SUPPLY 110°F HW TO FAUCET. EXTEND (2) 1-1/2" DRAIN TO FLOOR SINK WITH 2" AIR GAP.
8. EXTEND (2) 3/4" HW (140°F) WITH SHUT-OFF VALVES, BACKFLOW PREVENTER, WATER HAMMER, AND TEMPERATURE GAUGE TO DISHWASHER. EXTEND 2" DRAIN FROM DISHWASHER TO OVER FLOOR SINK WITH 2" AIR GAP.
9. EXTEND 1/2" CW & 1/2" HW WITH SHUT-OFF VALVES TO PREP SINK FAUCET. PROVIDE WITH MIXING VALVE TO SUPPLY 110°F HW TO FAUCET. EXTEND 1-1/2" DRAIN TO DISCHARGE OVER FLOOR SINK WITH 2" AIR GAP.

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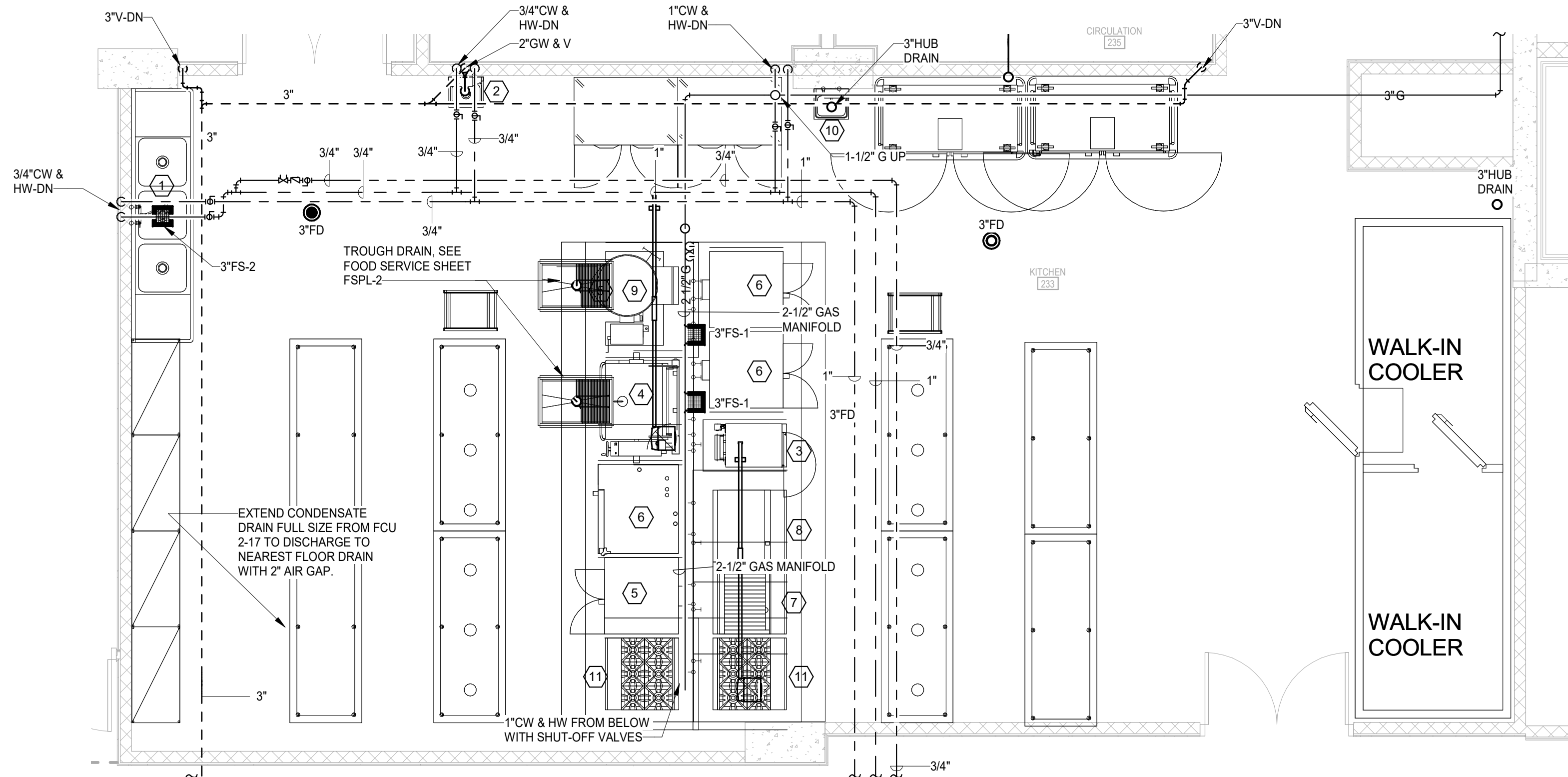
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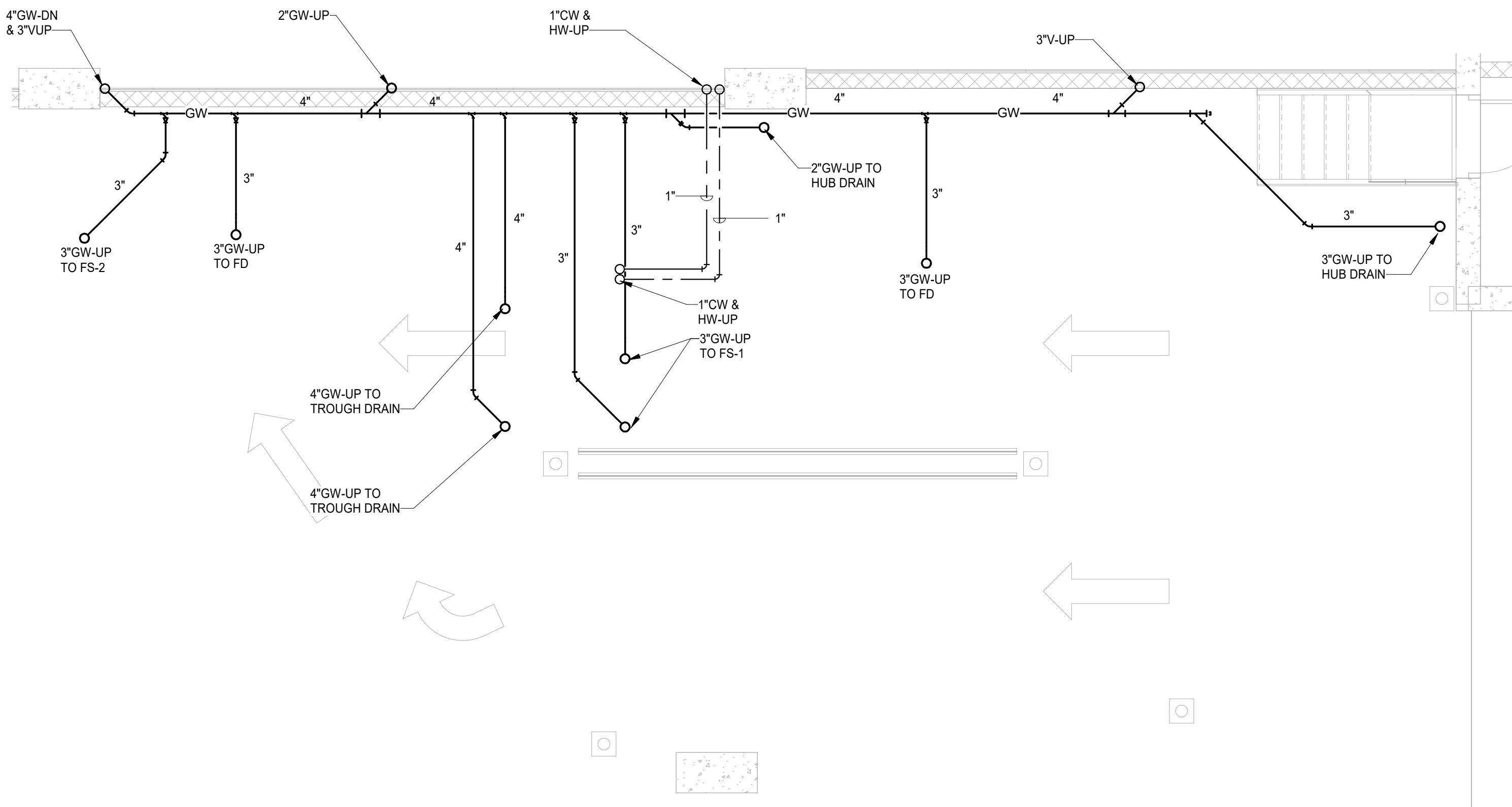
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**1 KITCHEN 233 - SECOND LEVEL - PLUMBING**  
SCALE: 1/4" = 1'-0"



**2 KITCHEN 233 - INTERMEDIATE PARKING LEVEL - PLUMBING**  
SCALE: 1/4" = 1'-0"

**SHEET REFERENCE NOTES**

1. EXTEND 3/4" CW & 3/4" HW SUPPLIES TO TWO FAUCETS WITH SHUT-OFF VALVES. EXTEND (3) 1-1/2" DRAIN FROM THREE COMPARTMENT SINK TO 2" DRAIN AND DISCHARGE OVER FLOOR SINK WITH 2" AIR GAP.
2. EXTEND 1/2" CW & 1/2" HW WITH SHUT-OFF VALVES TO HAND SINK FAUCET. PROVIDE WITH MIXING VALVE TO SUPPLY 110°F HW. PROVIDE WITH 1-1/2" DRAIN WITH CLEANOUT.
3. EXTEND AND CONNECT (2) 1/2" GAS TO STEAMER WITH SHUT-OFF VALVE AND QUICK CONNECT. EXTEND (2) 3/4" CW SUPPLIES WITH WATER FILTER TO STEAMER WITH SHUT-OFF VALVES AND BACKFLOW PREVENTER.
4. EXTEND AND CONNECT 1/2" GAS TO KETTLE WITH SHUT-OFF VALVE AND QUICK CONNECT. EXTEND 3/4" CW SUPPLIES KETTLE FAUCET WITH SHUT-OFF VALVE.
5. EXTEND AND CONNECT 1-1/4" GAS TO HD RANGE WITH SHUT-OFF VALVE AND QUICK CONNECT.
6. EXTEND AND CONNECT (2) 3/4" GAS TO COMBI OVEN WITH SHUT-OFF VAVLE AND QUICK CONNECT.
7. EXTEND AND CONNECT 3/4" GAS TO CHARBROILER WITH SHUT-OFF VALVE AND QUICK CONNECT.
8. EXTEND AND CONNECT 3/4" GAS TO GRIDDLE WITH SHUT-OFF VALVE AND QUICK CONNECT.
9. EXTEND AND CONNECT 3/4" GAS TO TILTING SKILLET WITH SHUT-OFF VAVLE AND QUICK CONNECT.
10. EXTEND 1/2" CW & 1/2" HW WITH SHUT-OFF VALVES TO HAND SINK FAUCET. PROVIDE WITH MIXING VALVE TO SUPPLY 110°F HW. EXTEND WITH 1-1/2" DRAIN TO DISCHARGE OVER 2" HUB DRAIN WITH 2" AIR GAP.
11. EXTEND AND CONNECT 3/4" GAS TO HD RANGE WITH SHUT-OFF VALVE AND QUICK CONNECT.

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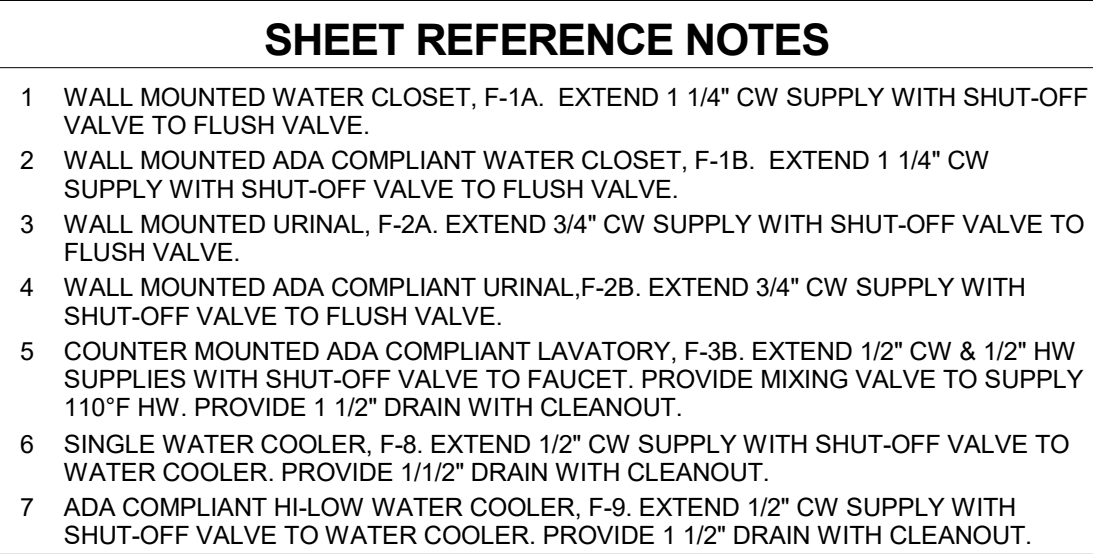


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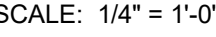
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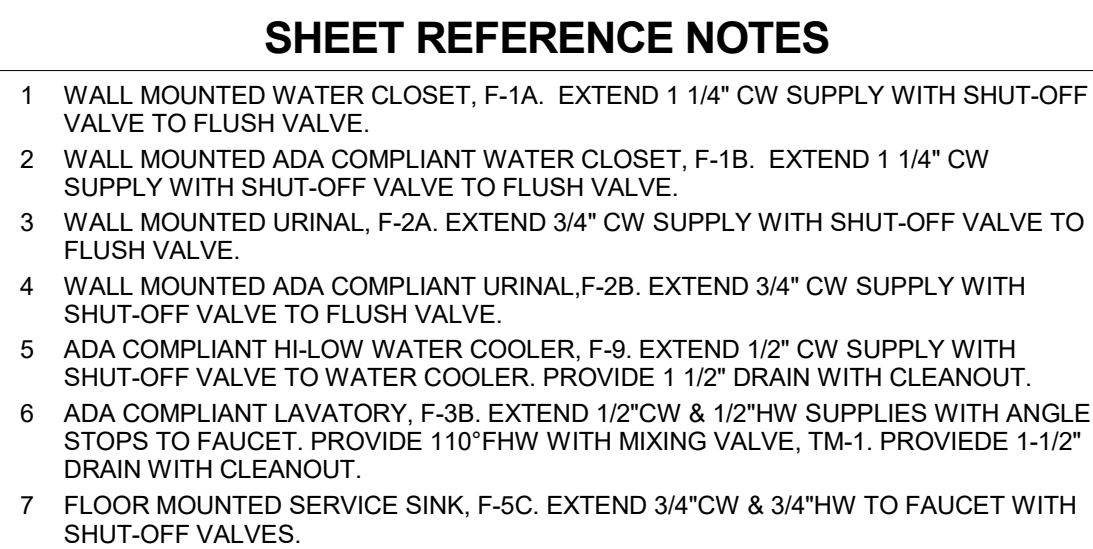
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SCALE: 1/4" = 1'-0"





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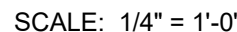
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SCALE: 1/4" = 1'-0"



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ENGINEERS

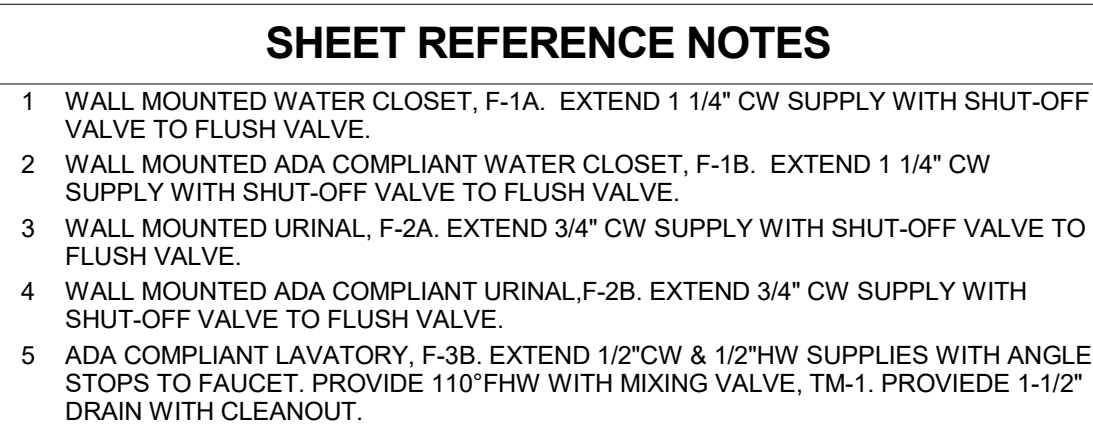
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## P4.8

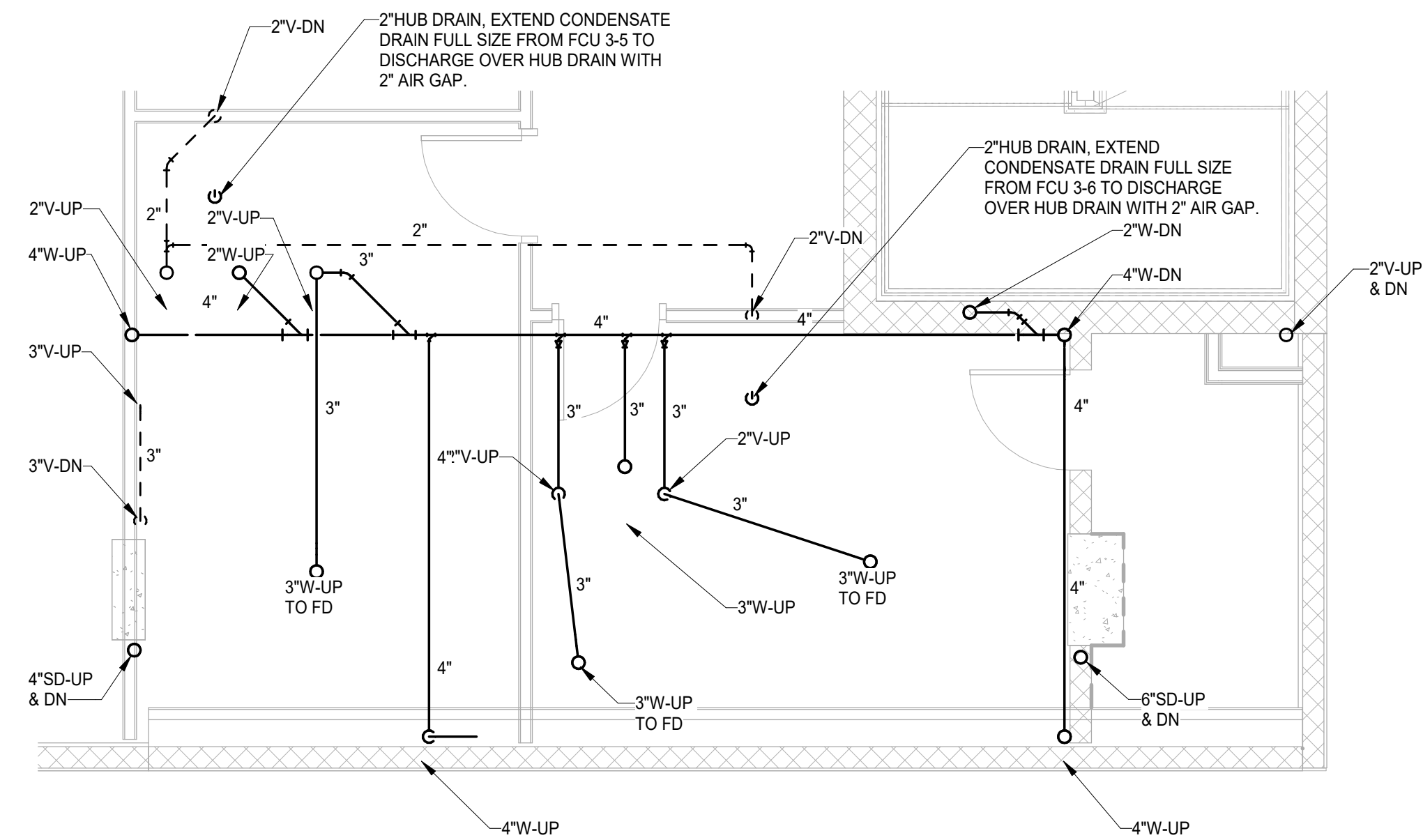




- ## P4.9



SCALE: 1/4" = 1'-0"



SCALE: 1/4" = 1'-0"

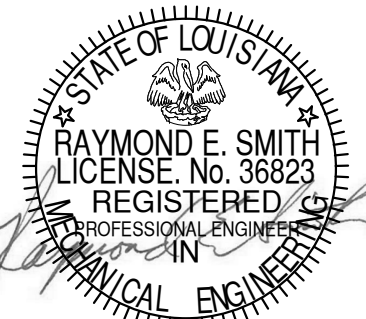
SCALE: 1/4" = 1'-0"

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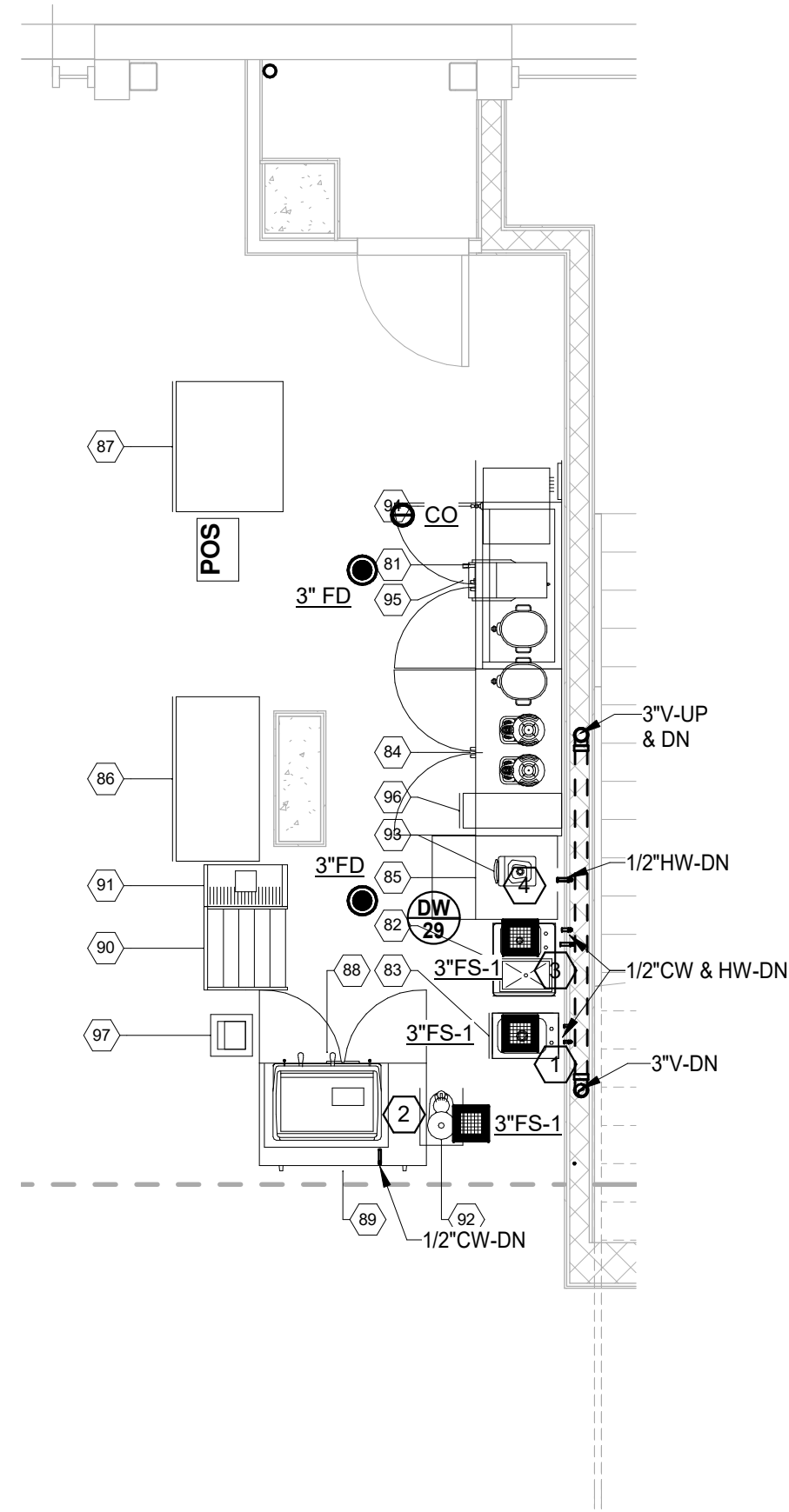
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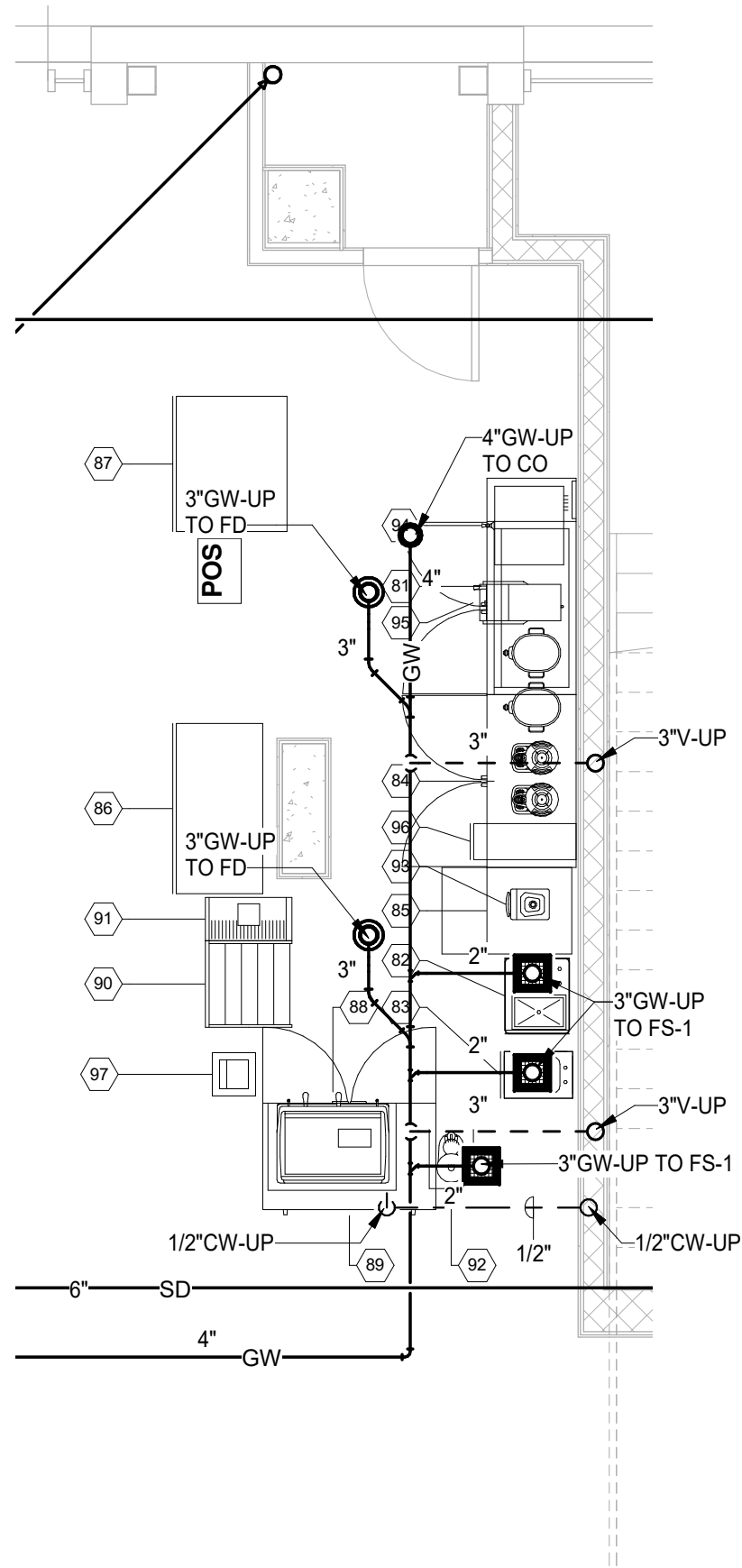
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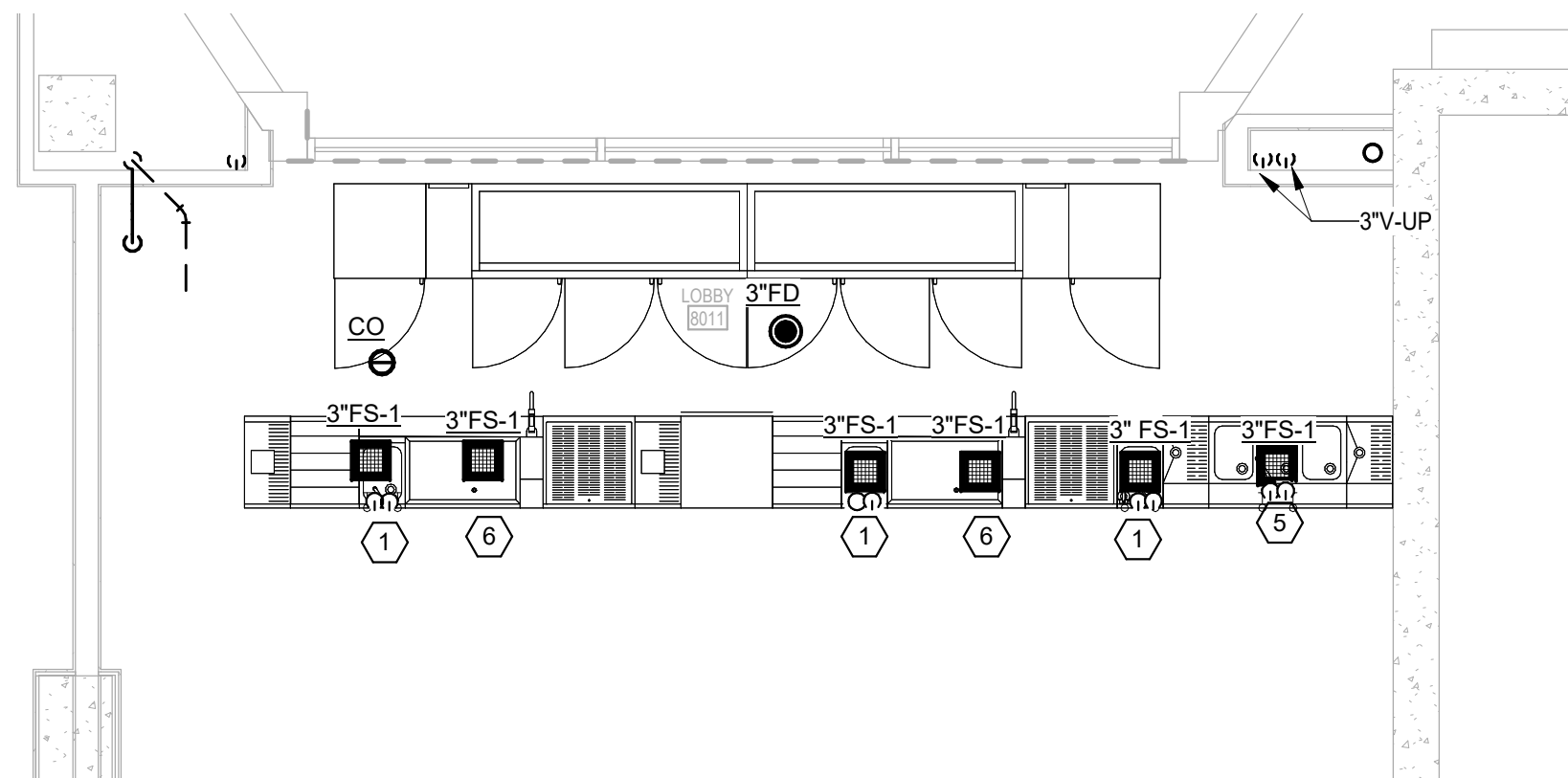
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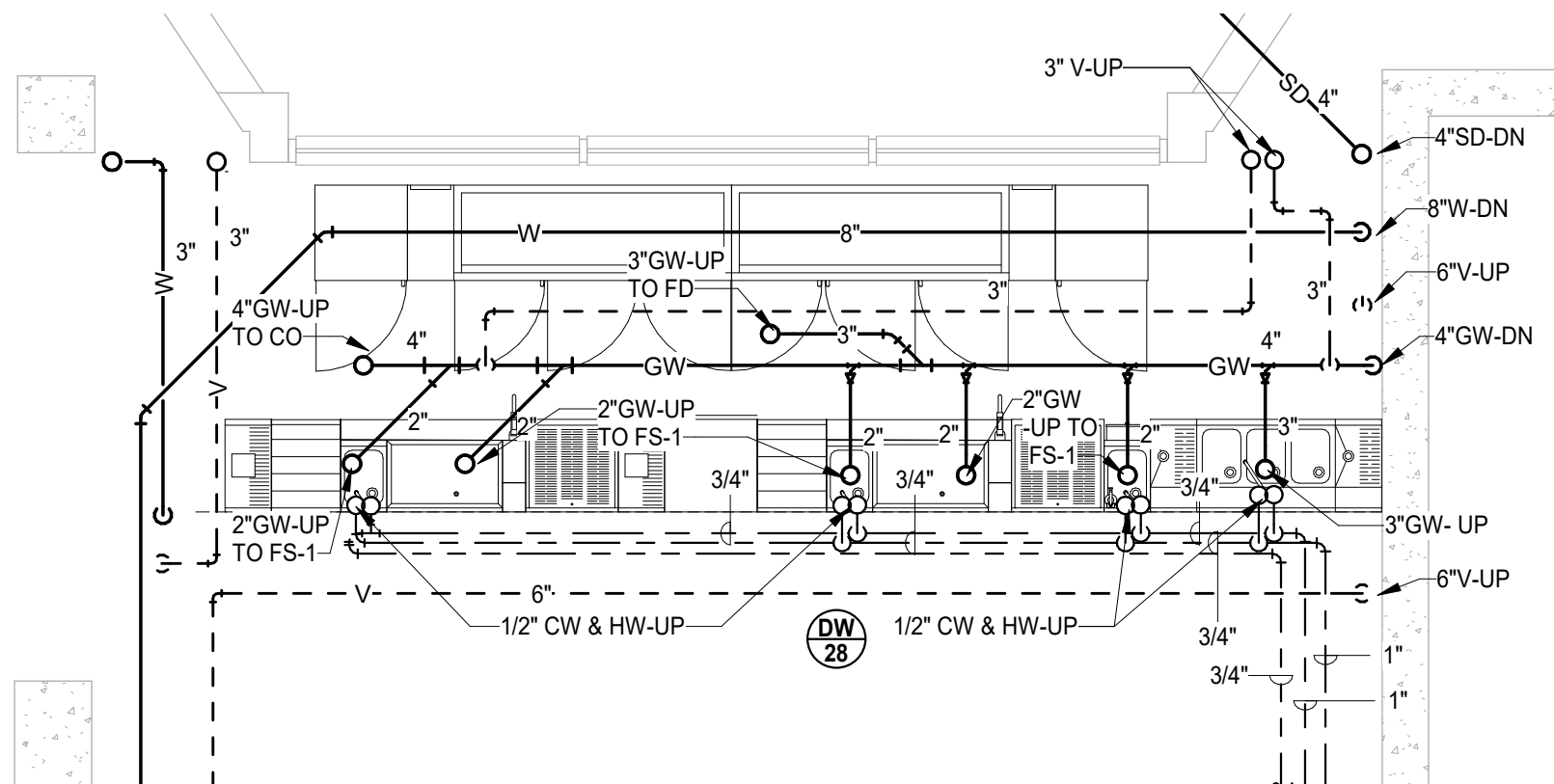
**2** CONSTANT GRIND - FIRST FLOOR LEVEL - PLUMBING  
SCALE: 1/4" = 1'-0"



**1** CONSTANT GRIND - UNDER GROUND LEVEL - PLUMBING  
SCALE: 1/4" = 1'-0"



**4** 2ND FLOOR BAR- SECOND FLOOR LEVEL - PLUMBING  
SCALE: 1/4" = 1'-0"



**3** 2ND FLOOR BAR - INTERMEDIATE PARKING LEVEL - PLUMBING  
SCALE: 1/4" = 1'-0"

#### SHEET REFERENCE NOTES

- 1 EXTEND 1/2" CW & 1/2" HW SUPPLIES WITH SHUT-OFF VALVES TO HAND SINK FAUCET. PROVIDE WITH MIXING TO SUPPLY 110°F HW. EXTEND 1-1/2" DRAIN FROM SINK TO DISCHARGE OVER FLOOR SINK WITH 2" AIR GAP.
- 2 EXTEND 1/2" CW SUPPLY WITH SHUT-OFF VALVES TO ESPRESSO MACHINE 50" AFF. EXTEND 1-1/2" DRAIN FROM SINK TO DISCHARGE OVER FLOOR SINK WITH 2" AIR GAP.
- 3 EXTEND 1/2" CW & 1/2" HW SUPPLIES WITH SHUT-OFF VALVES TO HAND SINK FAUCET. PROVIDE WITH MIXING TO SUPPLY 110°F HW. EXTEND (2) 1-1/2" DRAIN FROM SINK TO DISCHARGE OVER FLOOR SINK WITH 2" AIR GAP.
- 4 EXTEND 1/2" HW WITH SHUT-OFF VALVE AND BACKFLOW PREVENTER TO UNDER COUNTER DISHWASHER. EXTEND 1 1/2" DRAIN TO DISCHARGE OVER ADJACENT FLOOR SINK WITH 2" AIR GAP.
- 5 EXTEND 1/2" CW & 1/2" HW SUPPLIES WITH SHUT-OFF VALVES TO TRIPLE COMPARTMENT SINK FAUCET. PROVIDE WITH MIXING TO SUPPLY 110°F HW. EXTEND (3) 1-1/2" DRAIN FROM SINK TO DISCHARGE OVER FLOOR SINK WITH 2" AIR GAP.
- 6 EXTEND 1 1/2" DRAIN FROM ICE BIN TO DISCHARGE OVER FLOOR SINK WITH 2" AIR GAP.

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**NOTE:**  
SET AQUASTAT TO TURN PUMP ON WHEN  
RETURN TEMPERATURE REACHES 10 °F. LOWER  
THAN HEATER SET POINT AND TO TURN PUMP  
OFF WHEN RETURN TEMPERATURE IS WITH 5°F  
OF HEATER SET POINT.

## 2 RECIRCULATING PUMP DETAIL

SEE ARCHITECTURAL REQUIREMENTS  
FOR FLOOR CONSTRUCTION.

### 3 FLOOR SINK INSTALLATION DETAIL

#### 4 GAS LINE DRIP LEG DETAIL

## 5 HUB DRAIN ABOVE CEILING DETAIL

## 6 INSULATED PIPE HANGER DETAIL

## 7 INTERIOR CLEANOUT DETAIL

1. DELETE FLASHING IN MONOLITHIC FLOORS.
2. INSTALL FLUSH WITH FINISH FLOOR  
IN MECHANICAL ROOMS.

## 8 OPEN SITE DRAIN DETAIL

## TYPICAL OUTDOOR CLEANOUT OUTDOOR CLEANOUT DETAIL

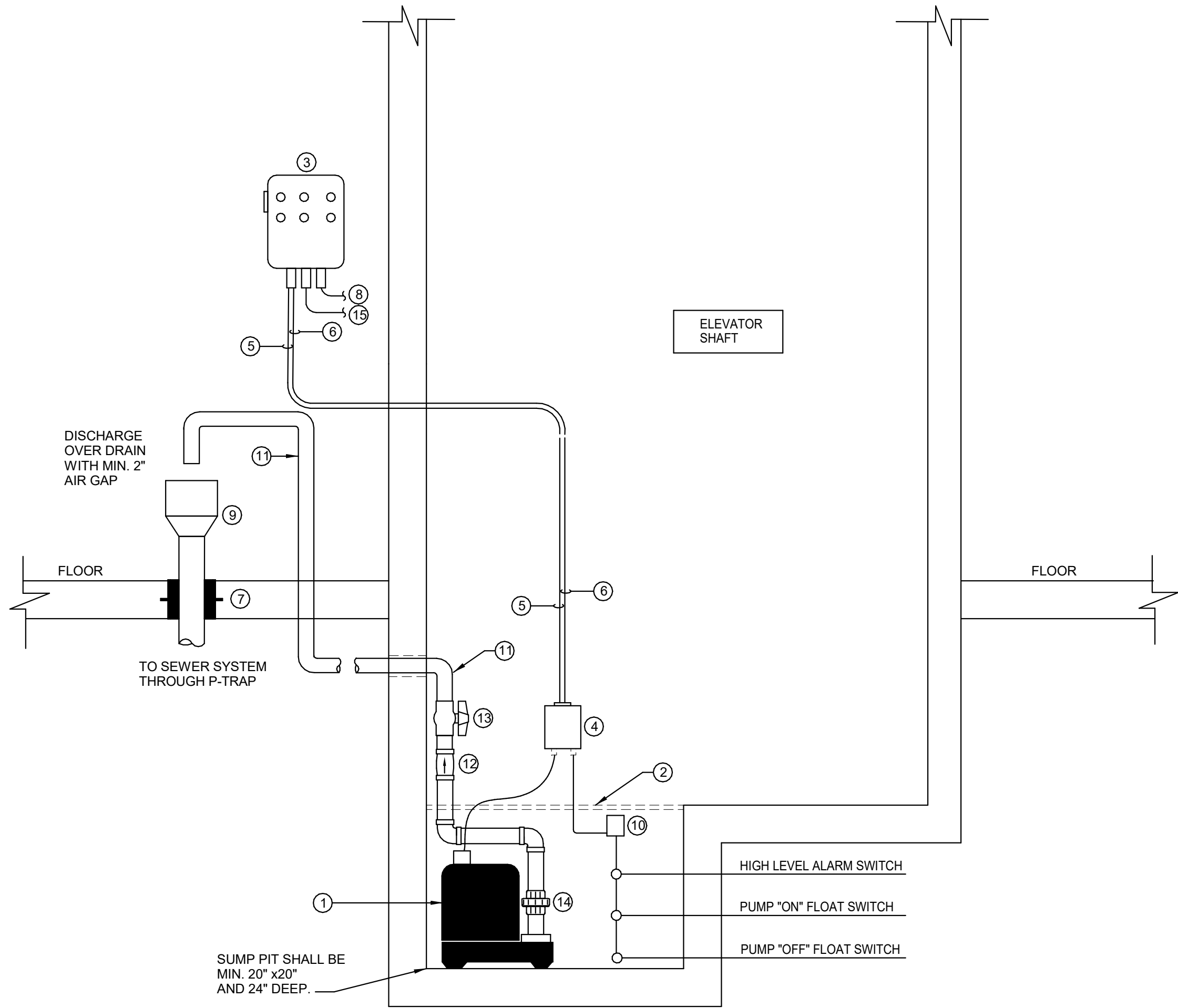
## 2-WAY CLEANOUT

## 9 OUTDOOR CLEANOUT DETAIL

## P6.1

# 1 ELEVATOR SUMP PUMP DETAIL

SCALE: NTS

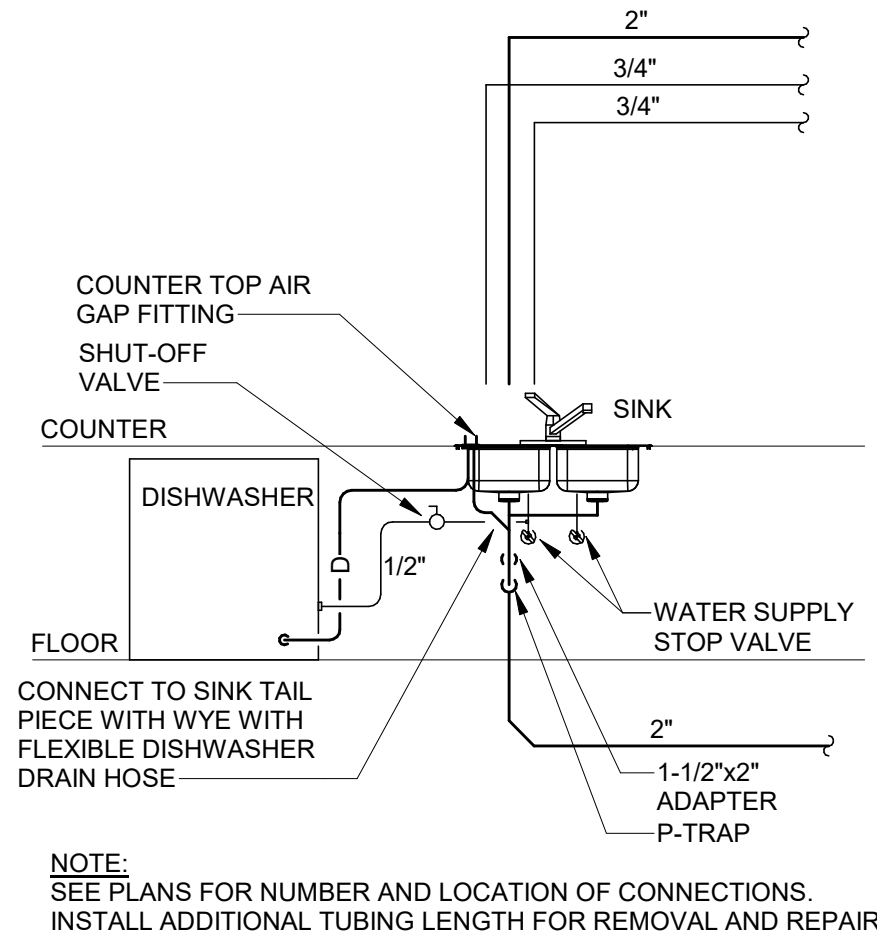


## REFERENCES NOTES:

- 1 ELEVATOR PUMP. SEE SCHEDULE.
- 2 CAST IRON GRATE FOR SUMP PUMP PIT.
- 3 ELEVATOR SUMP PUMP CONTROL PANEL, GRUNDFOS MODEL XX, NEMA 4X CONTROL PANEL WITH AUDIBLE & VISUAL ALARM, PUMP ON/OFF/AUTO SUMP HIGH LEVEL, SILENCE, AND REMOTE CONTACTS FOR BUILDING AUTOMATION SYSTEM (BAS).
- 4 NEMA 4X JUNCTION BOX.
- 5 PUMP POWER CABLES.
- 6 PUMP "ON", PUMP "OFF", HIGH SUMP "ALARM" CABLES.
- 7 SLEEVE PIPING THROUGH FLOOR, SEAL PENETRATION USING LINK-SEAL.
- 8 SEND BINARY INPUTS TO BUILDING AUTOMATION SYSTEM (BAS) FOR PUMP RUN ALARM AND HIGH WATER ALARM. COORDINATE WITH CONTROLS SUBCONTRACTOR.
- 9 4" PIPE TRANSITIONED TO 6" DRAIN. PROVIDE DRAIN WITH TRAP GUARD.
- 10 THREE-LEVEL SENSOR WITH SS FLOAT SWITCHES AND NEMA 4 JUNCTION BOX.
- 11 2" PUMP DISCHARGE.
- 12 CHECK VALVE.
- 13 SHUT-OFF VALVE.
- 14 UNION.
- 15 POWER.

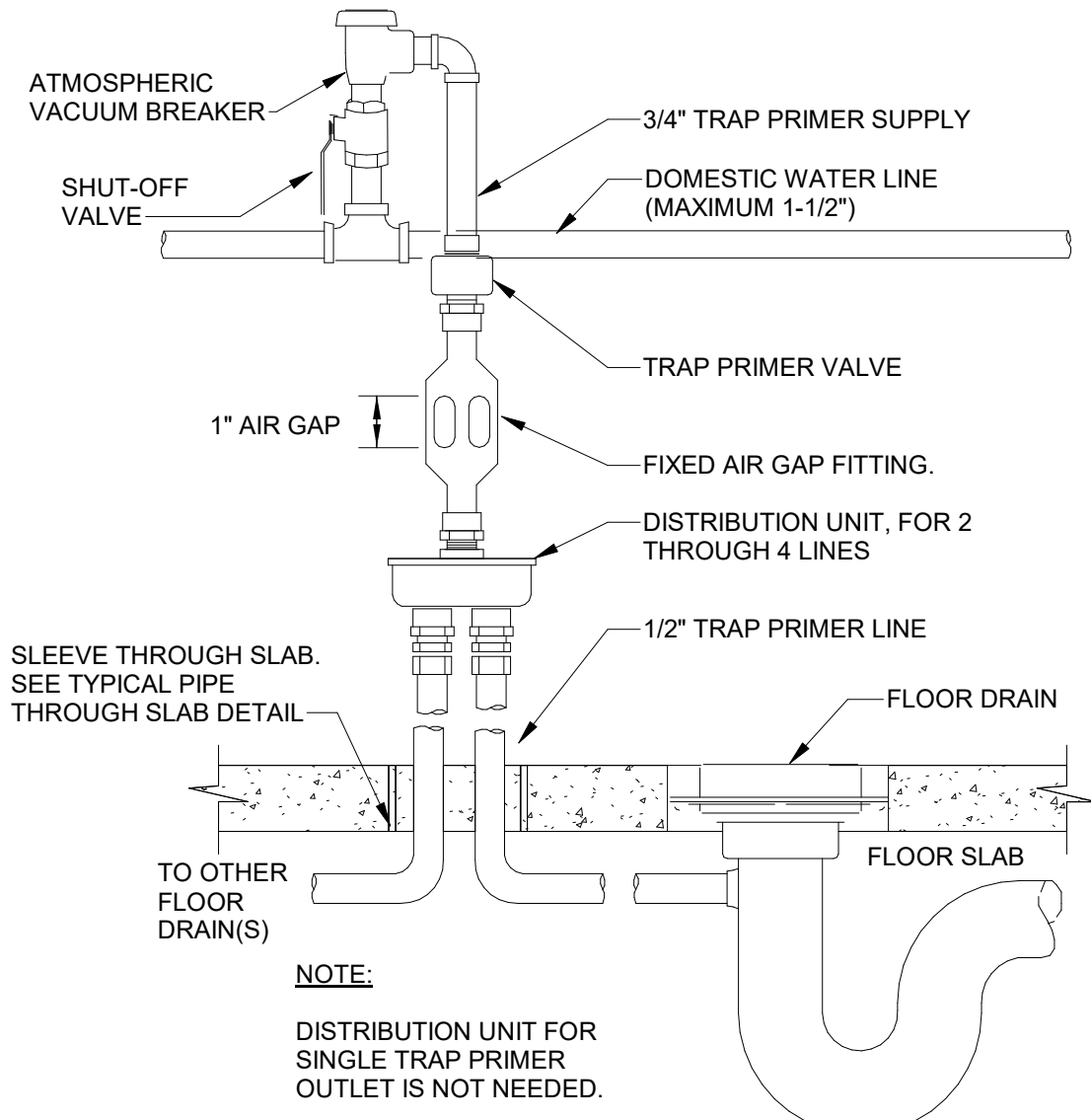
# 2 KITCHEN SINK & DOMESTIC DISHWASHER DIAGRAM

SCALE: N.T.S.



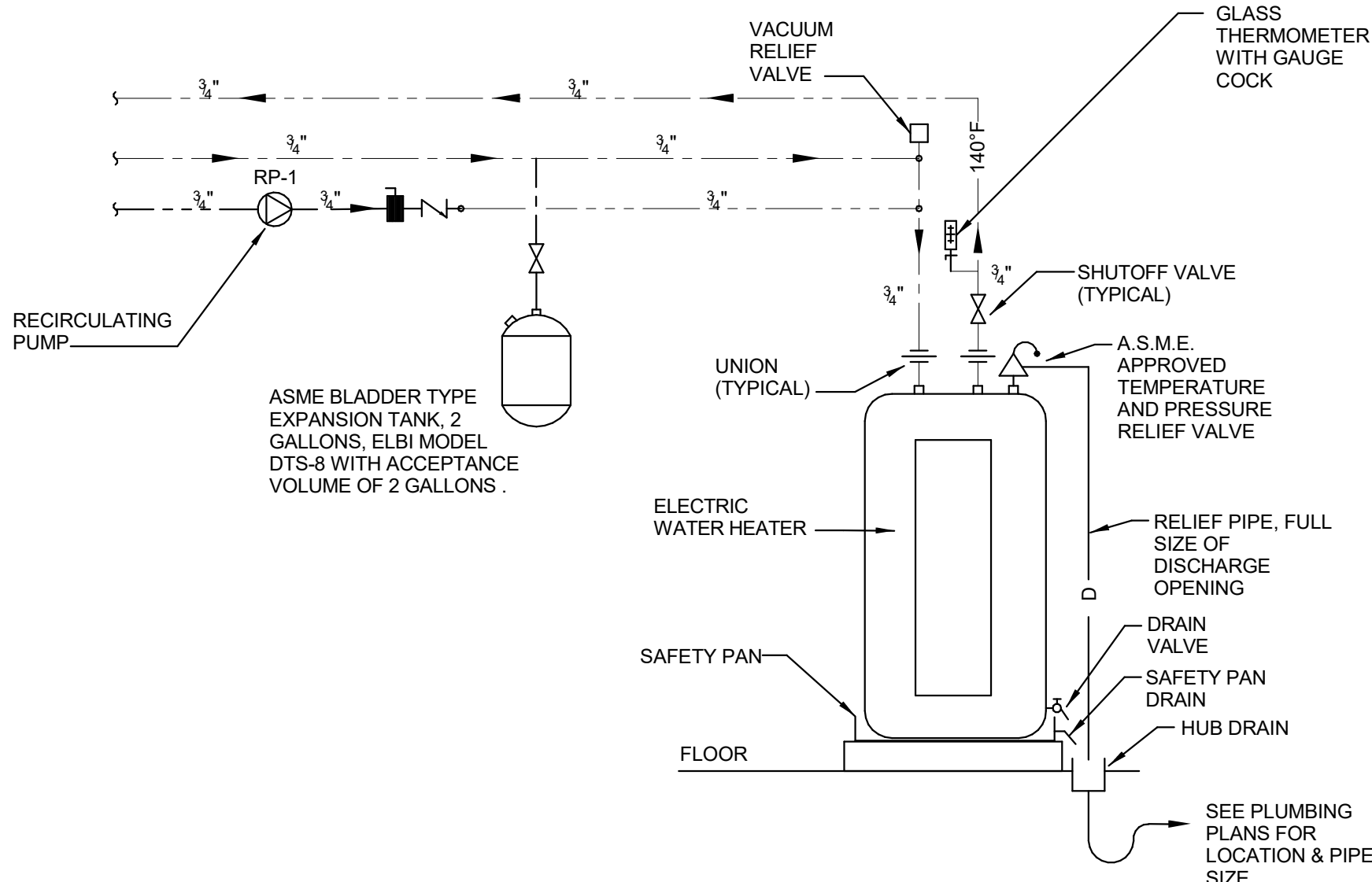
# 3 TYPICAL TRAP SEAL PRIMER DETAIL

SCALE: N.T.S.



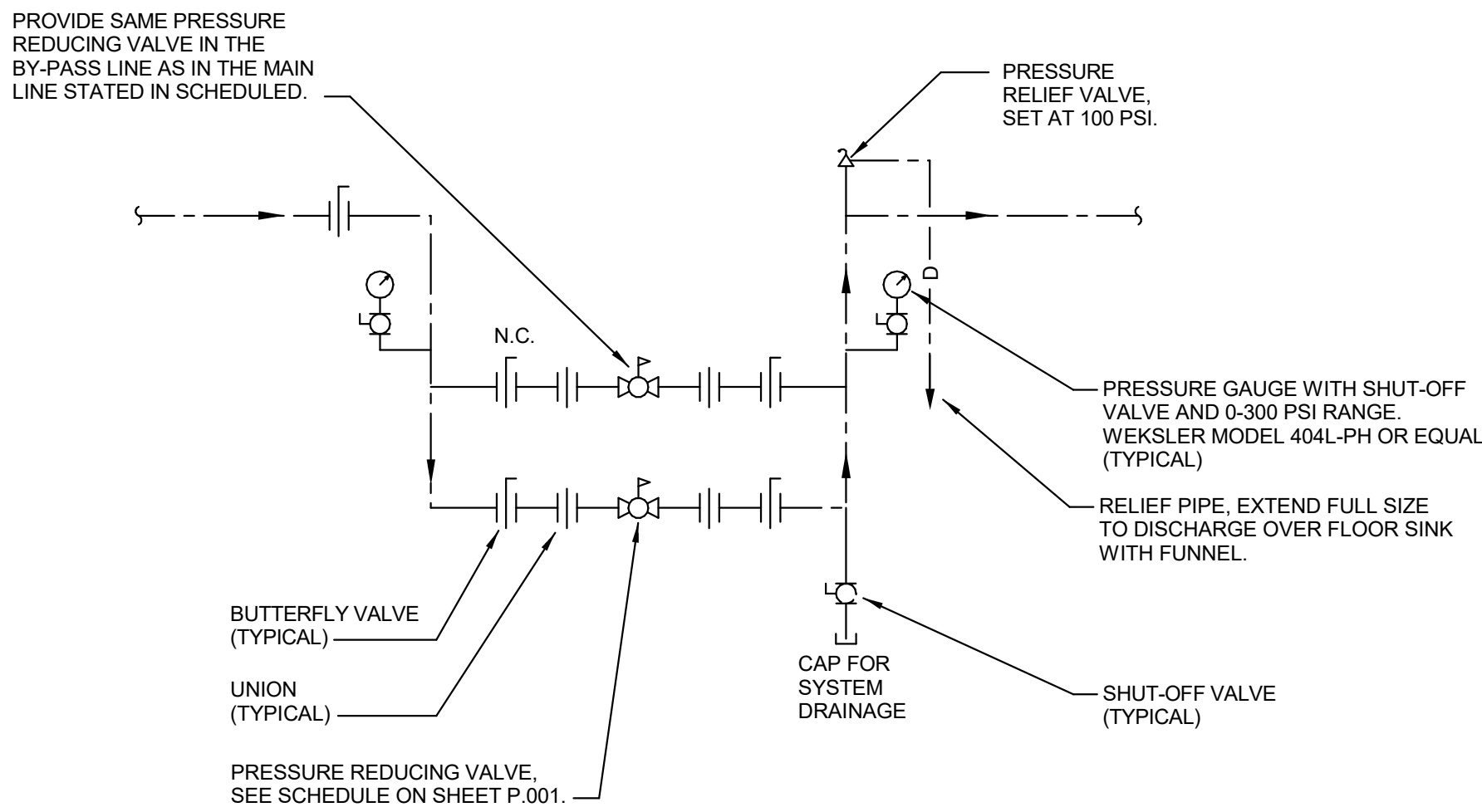
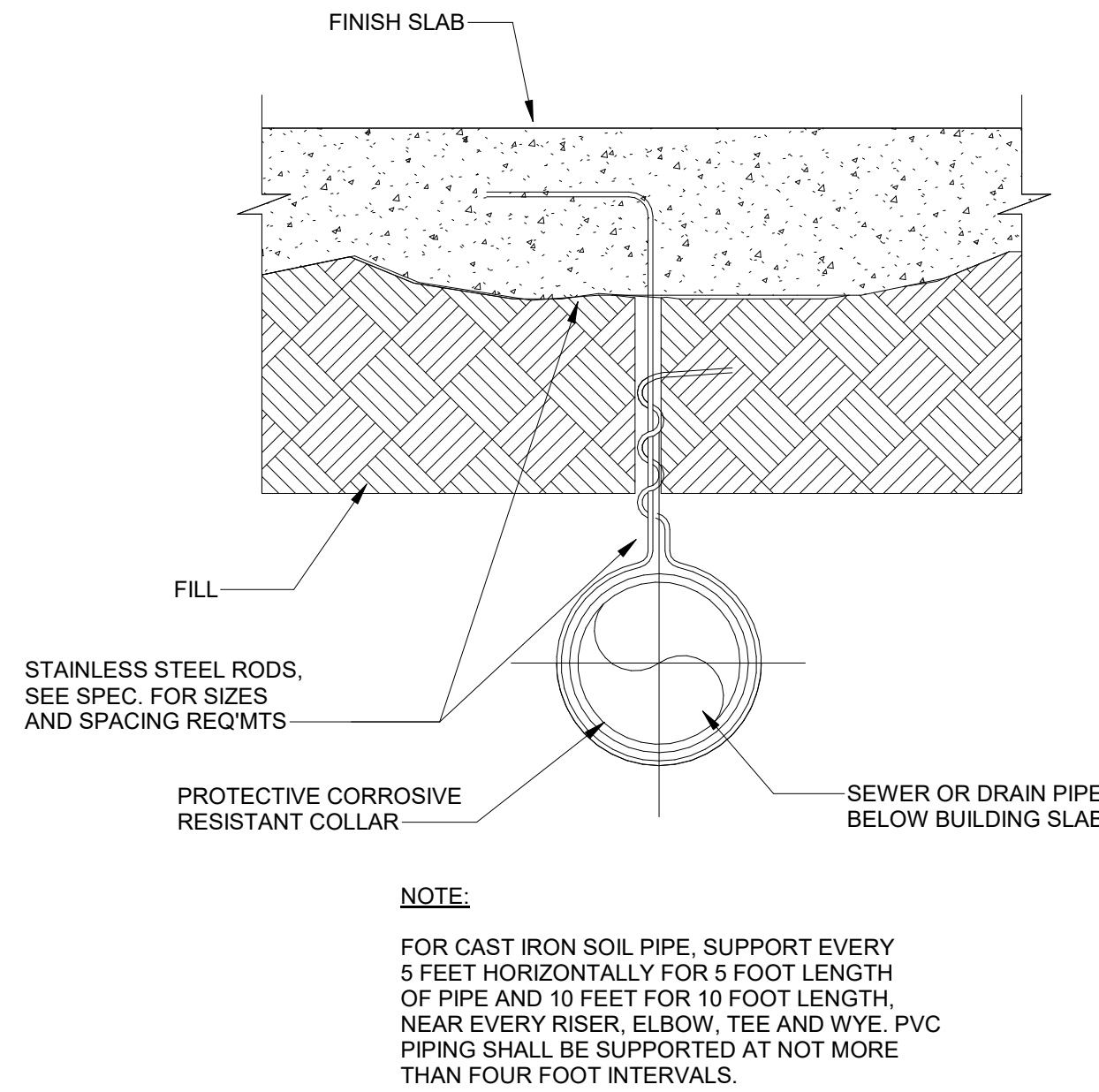
# 5 ELECTRIC WATER HEATER WITH EXPANSION TANK DETAIL

SCALE: N.T.S.



# 4 UNDERGROUND PIPE HANGER DETAIL

SCALE: N.T.S.



## NOTES:

1. REFER TO PLUMBING DRAWINGS FOR PIPE SIZES.
2. VALVES SHALL BE RATED FOR A MAX PRESSURE OF 250 PSI.
3. VALVE SHALL BE RATED FOR A WORKING TEMPERATURE RANGE BETWEEN 40°F AND 200°F.
4. ALL VALVES SHALL BE LEAD FREE (NSF61/NSF372).
5. ALL PRV VALVES SHALL HAVE A FIELD ADJUSTABLE REDUCED PRESSURE RANGE BETWEEN 30 PSI AND 200 PSI.
6. ALL PRV STATIONS SHALL BE CAPABLE OF LOW FLOW CAPACITY DOWN TO 1 GPM AT A MINIMUM PRESSURE DROP OF 1 PSI.

# 6 REDUCED PRESSURE VALVE DIAGRAM

SCALE: N.T.S.

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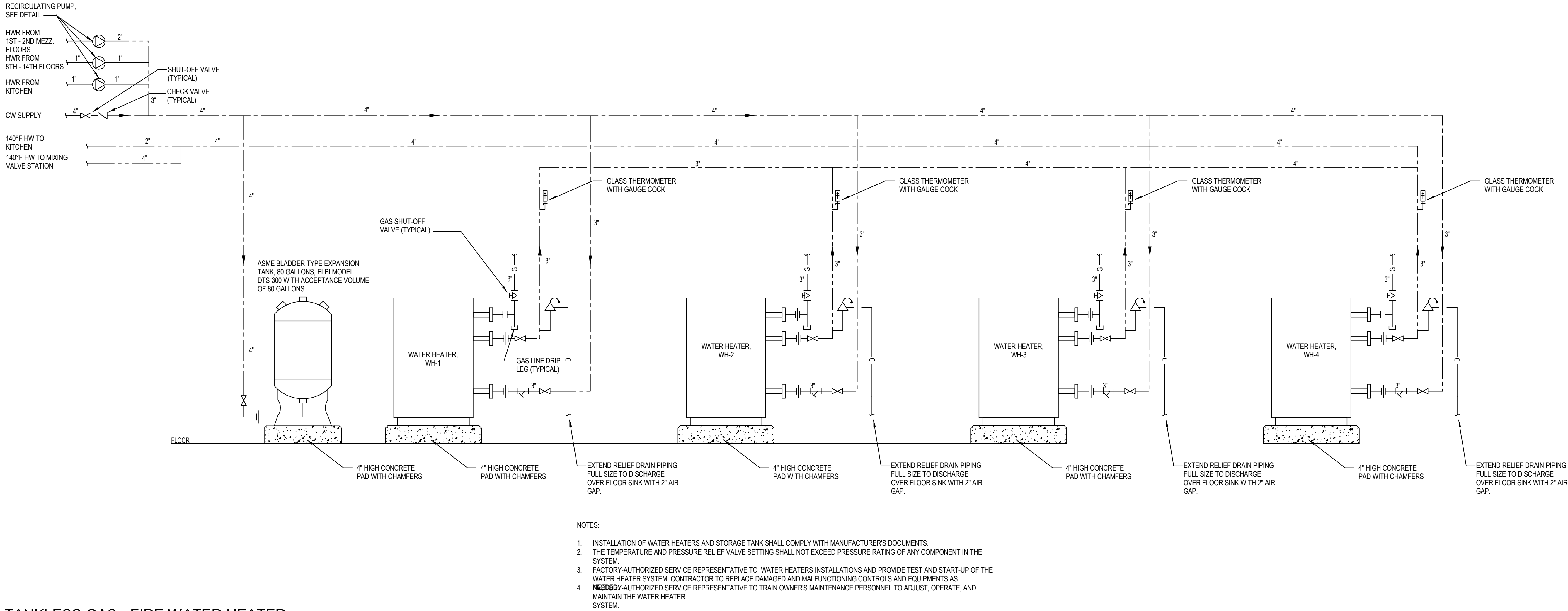


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REVISION HISTORY				

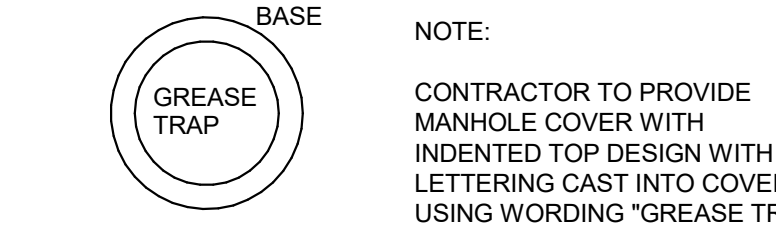
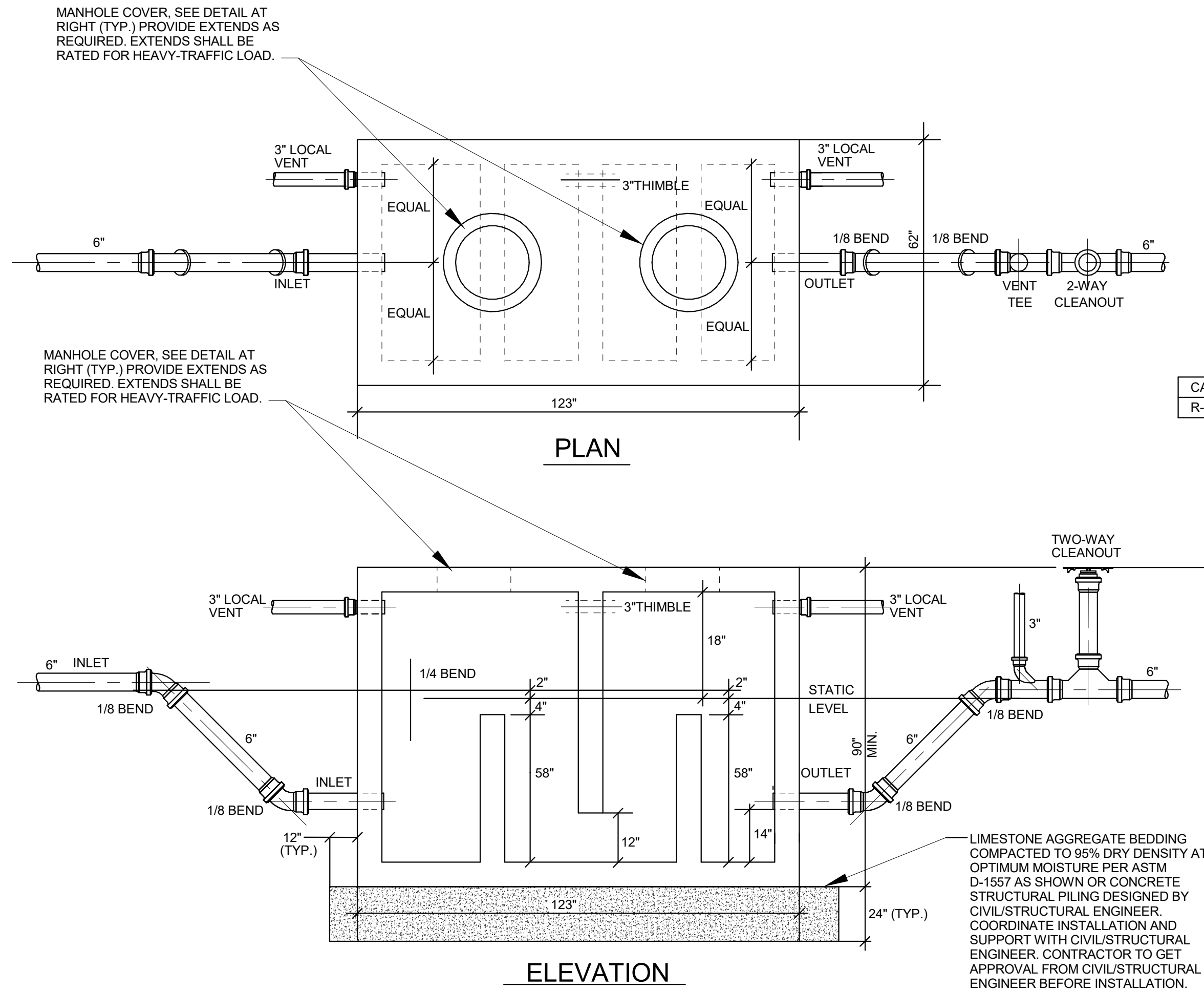
## PLUMBING DETAILS

PROJECT#: 1709  
PHASE: PERMIT  
TEAM: MEI  
CHECKER: SP\_RS  
SCALE: AS NOTED  
ISSUED: 06/05/2018



1 TANKLESS GAS - FIRE WATER HEATER

SCALE: N.T.S.



DIMENSION IN INCHES							
CATALOG NO.	A	B	C	E	F	J	K
R-165C-F	27	2-1/2	24	33-1/2	5	2-3/8	1

NEENAH FOUNDRY COMPANY  
MANHOLE COVER DETAIL

- NOTES:
- CONTRACTOR TO PROVIDE SCI PRECAST MODEL SCI GT 1544, CONCRETE 1500 GALLONS GREASE TRAP WITH STRUCTURAL DESIGN LOAD OF HEAVY TRAFFIC LOAD. CONFORM TO ASTM DESIGNATION C-478 PRECAST AND REINFORCED CONCRETE SECTIONS # 4 GRADE 60 REBAR 4500 PSI 28 DAY. JOINTS TO CONFORM TO ASTM C-443 AND C-361 OR JOINT CONSEAL BY CONCRETE SEALANTS PIPE GASKET TO CONFORM TO ASTM C 564.
  - IF 3" THIMBLE IS USED AS ILLUSTRATED, ONE 3" LOCAL VENT MAY BE ELIMINATED.
  - GREASE TRAP MUST COMPLY TO THE INTERNATIONAL PLUMBING CODE 2012 AND NEW ORLEANS S&EN CODE, REFER TO DETAIL #7147-5.
  - COORDINATE LOAD AND INSTALLATION WITH ARCHITECT AND CIVIL.
  - APPROVAL BY SUPERVISOR OF THE PLUMBING FOR THE SEWERAGE AND WATER BOARD OF NEW ORLEANS WILL BE REQUIRED FOR EACH INSTALLATION.
  - INVERT ELEVATIONS AND DIMENSIONS SHOWN ARE FOR INFORMATIONAL PURPOSES ONLY FINAL ELEVATIONS ARE TO BE DETERMINED IN THE FIELD AND COORDINATE WITH GREASE TRAP MANUFACTURER.
  - ACCESS COVERS SHALL BE GASKETED TO PREVENT INTRUSION OF ODORS.
  - GREASE TRAP SHALL HAVE A MINIMUM CAPACITY OF 1500 GALLONS BELOW THAT STATIC WATER LEVEL AND 18 INCHES OF AIR SPACE ABOVE THAT STATIC WATER LEVEL.
  - APPROVAL OF CIVIL/STRUCTURAL OF SUPPORT (CRUSHED AGGREGATE SUPPORT OR CONCRETE SUPPORT) WILL BE REQUIRED BEFORE ORDERING FOR EACH INSTALLATION. PROVIDE ANCHOR KIT FOR INSTALLATIONS ON CONCRETE SUPPORT.

2 TRIPLE BAFFLE GREASE TRAP DETAIL

SCALE: N.T.S.

REVISION HISTORY				

PLUMBING DETAILS

PROJECT#: 1709  
PHASE: PERMIT  
TEAM: MEI  
CHECKER: SP\_RS  
SCALE: AS NOTED  
ISSUED: 06/05/2018







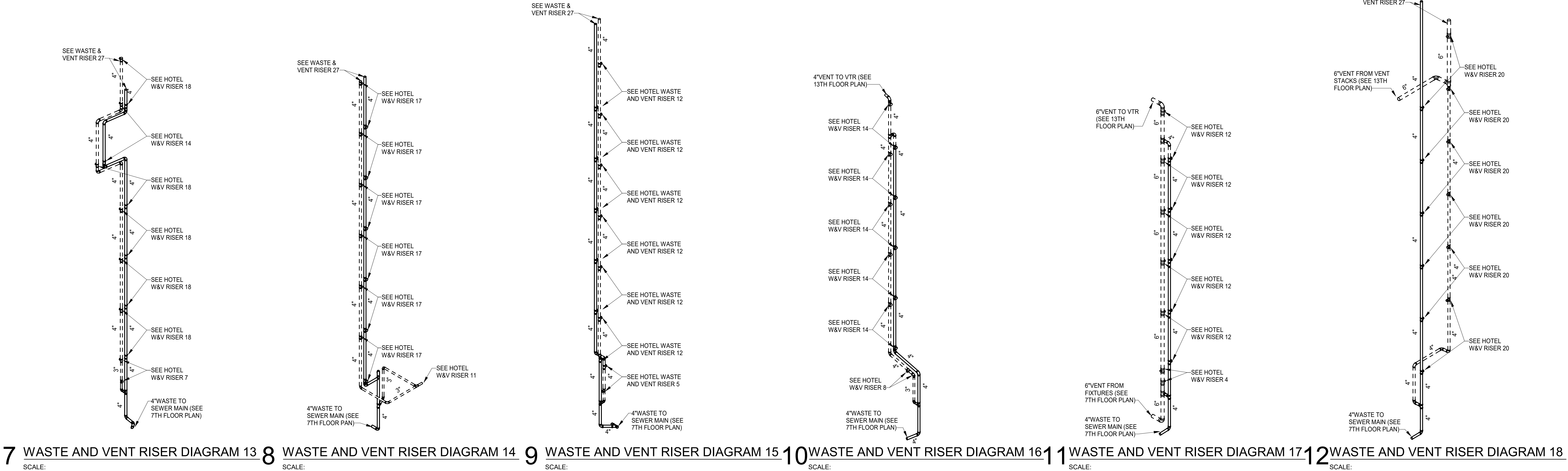
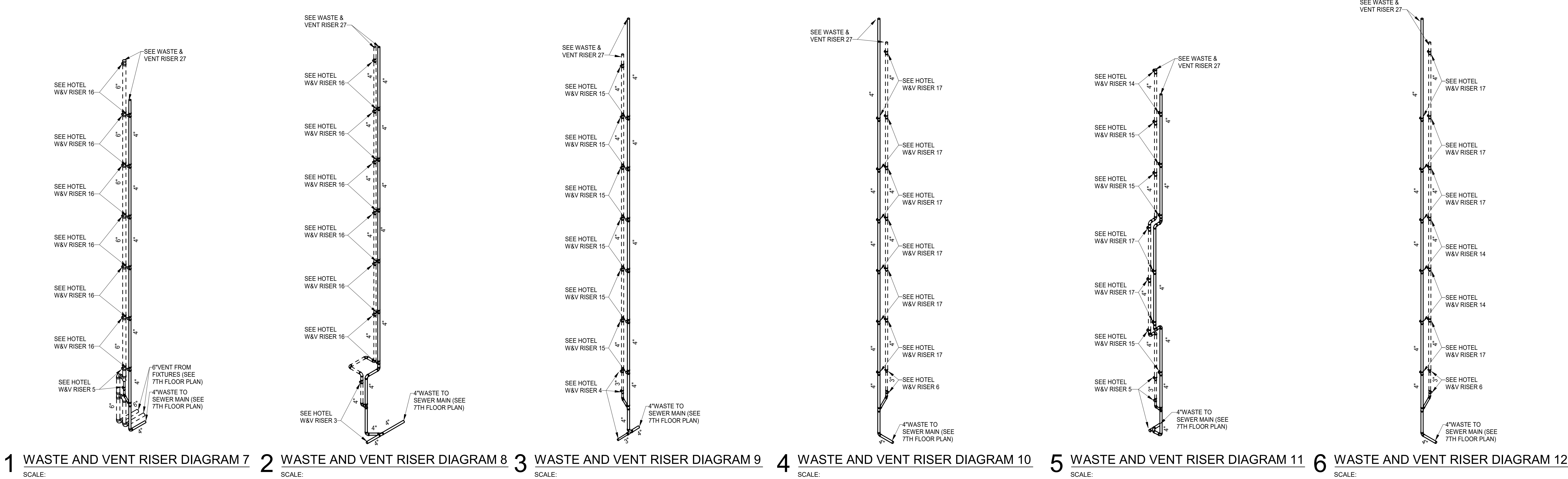


HARD ROCK  
1031 CANAL STREET  
NEW ORLEANS, LOUISIANA

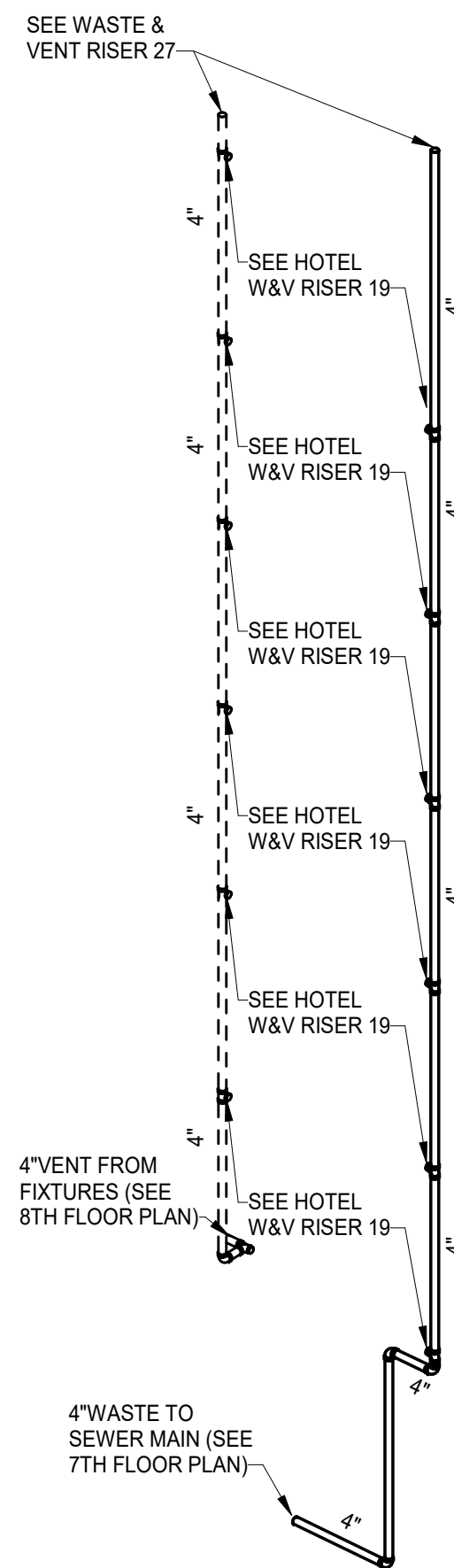
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## PLUMBING RISER DIAGRAMS



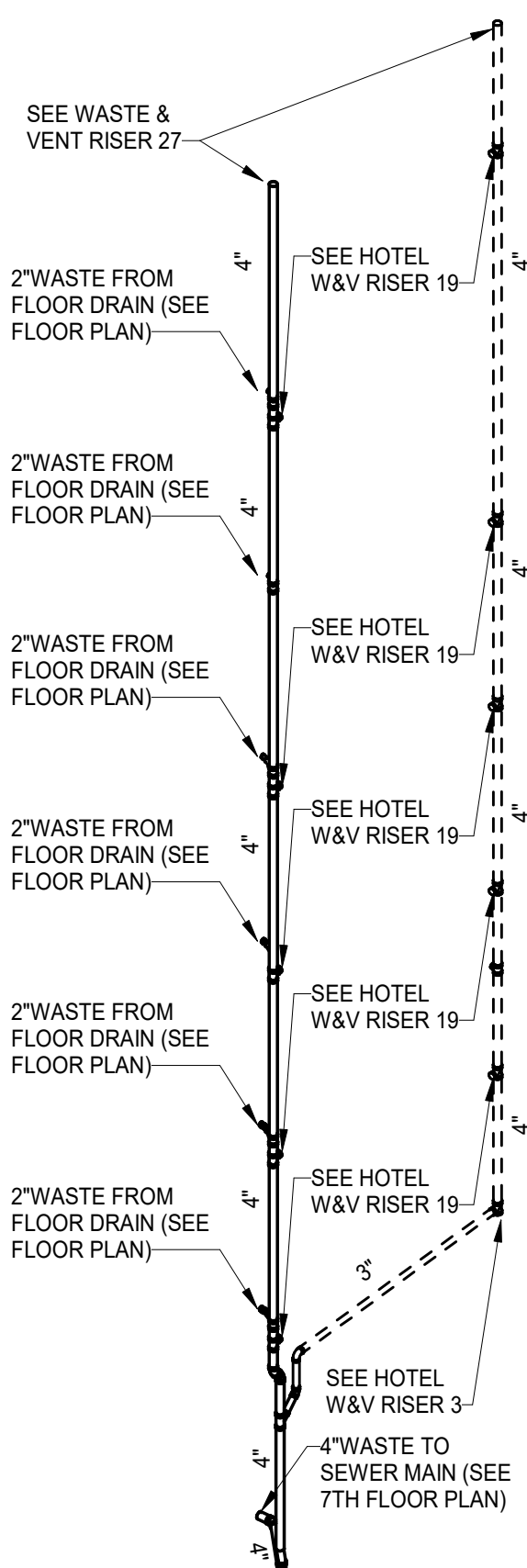


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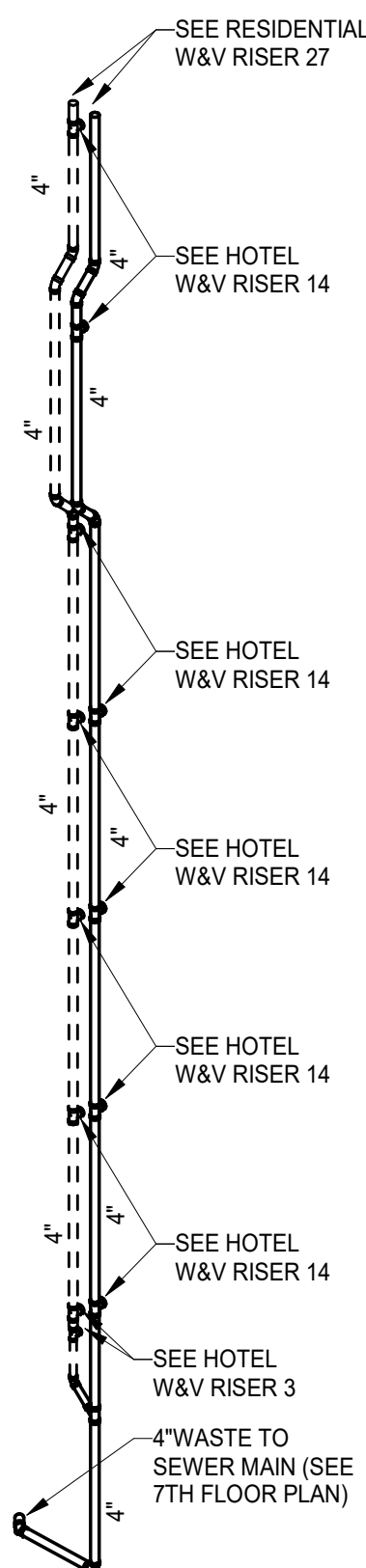
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SCALE:



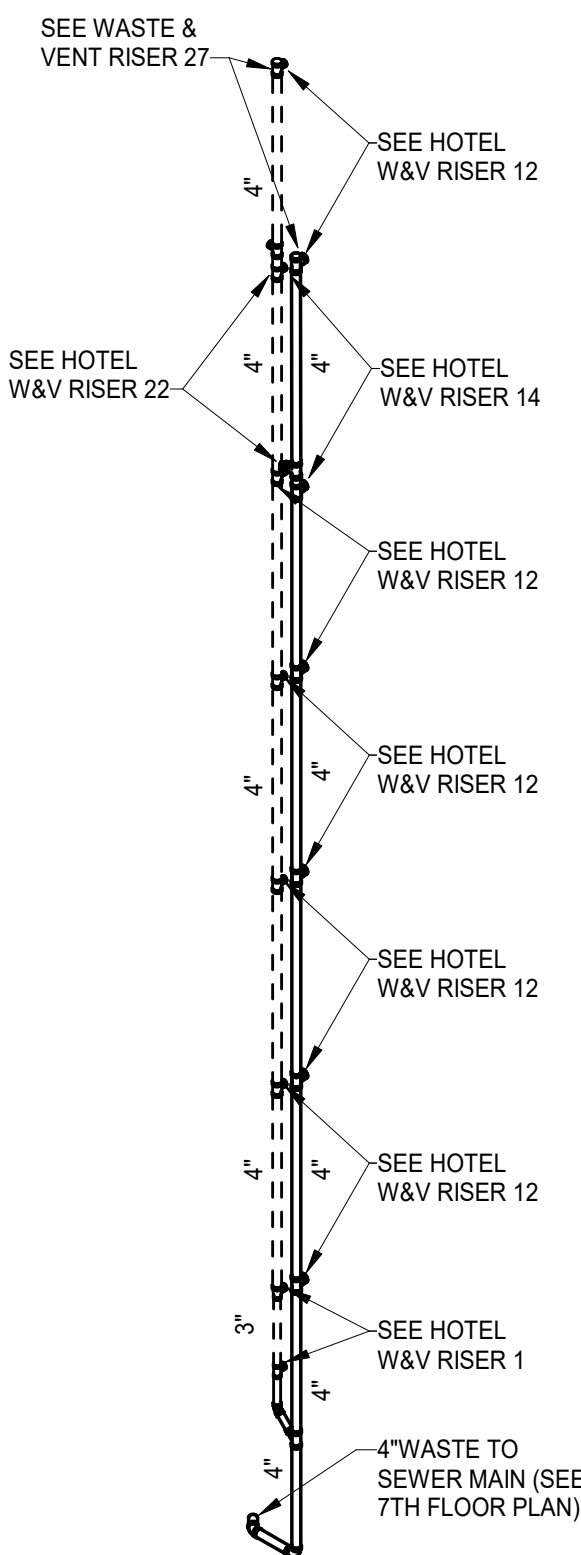
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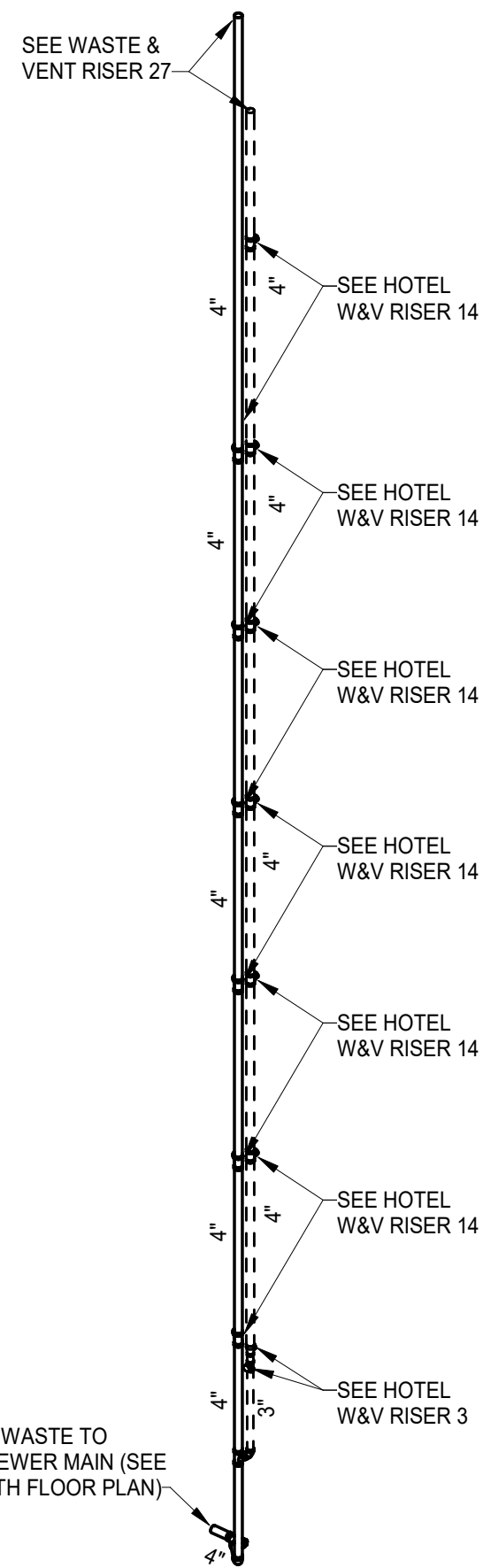
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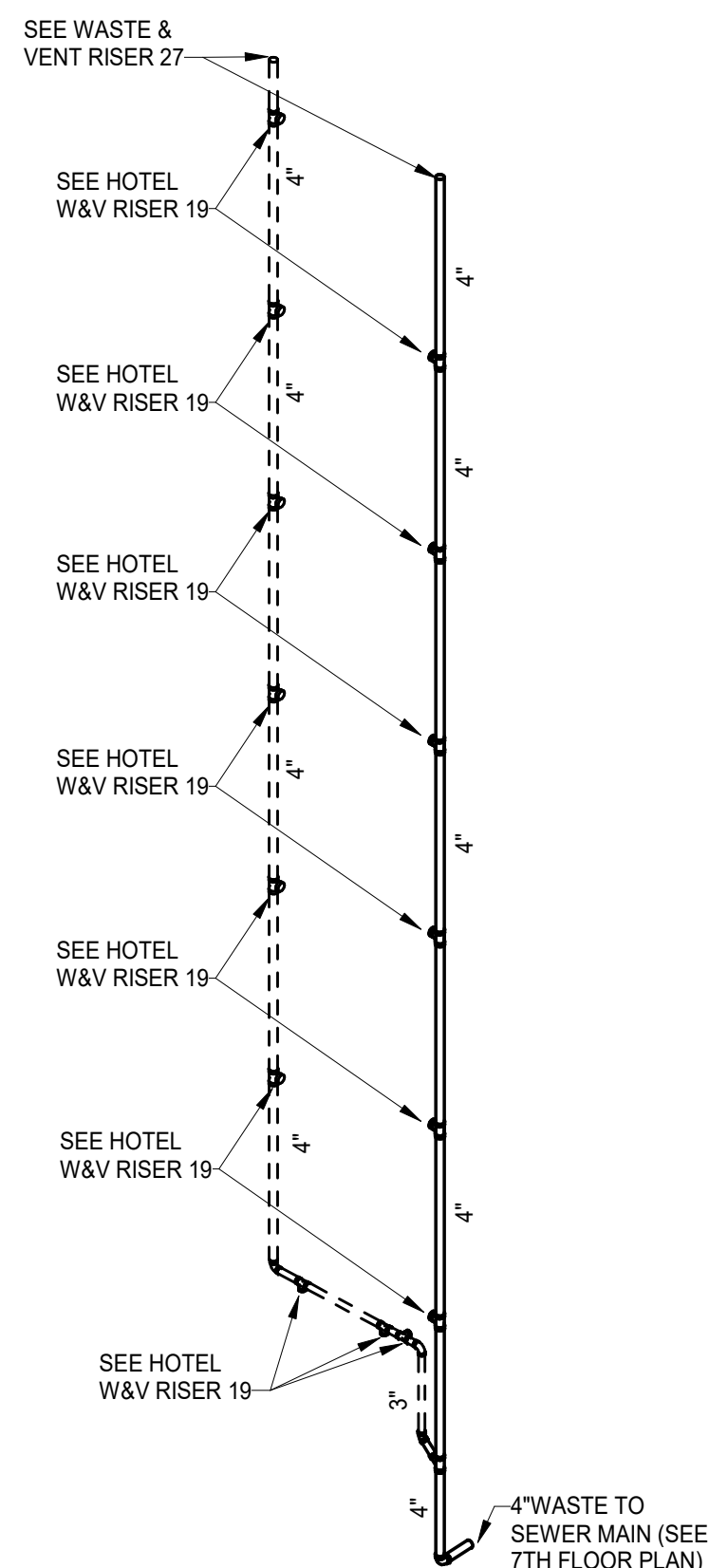
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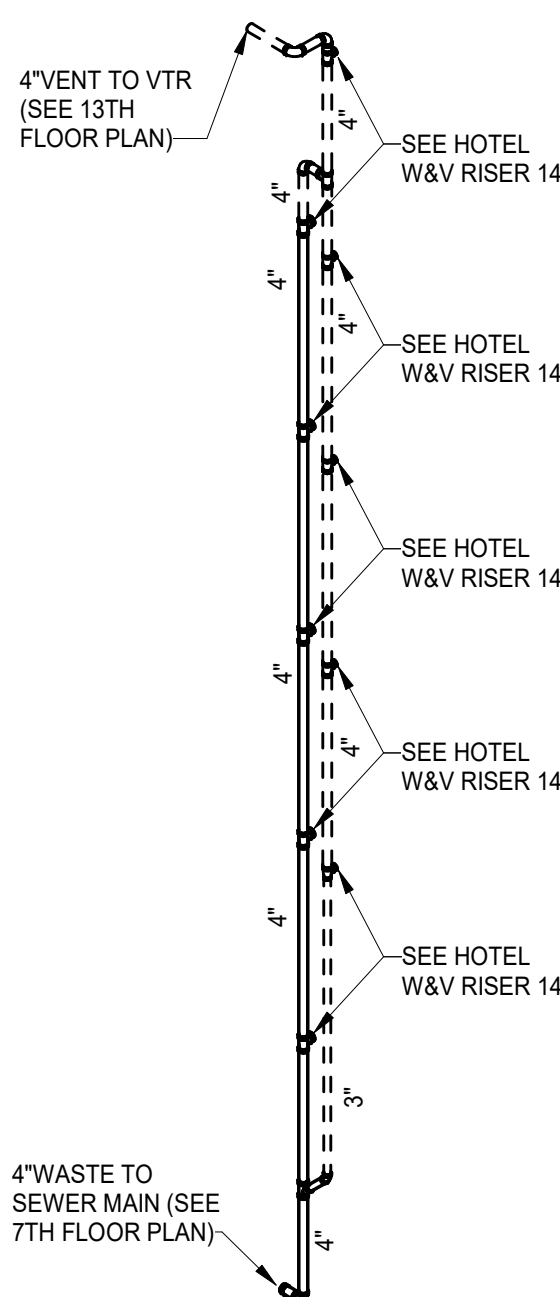
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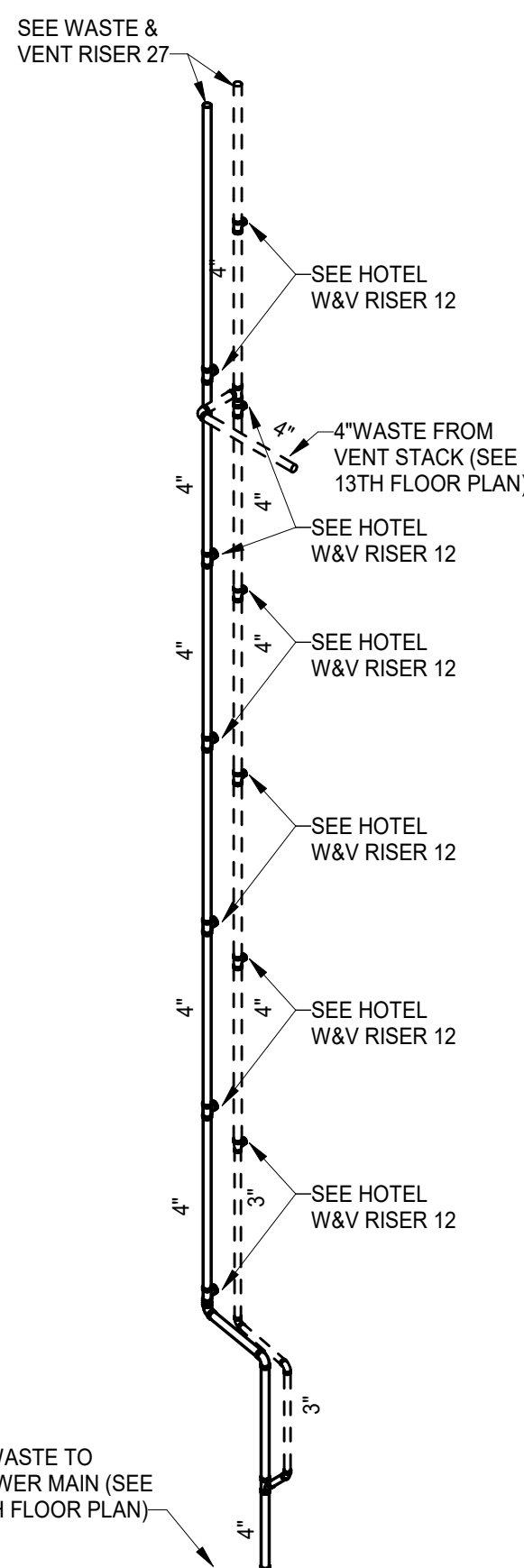
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SCALE:



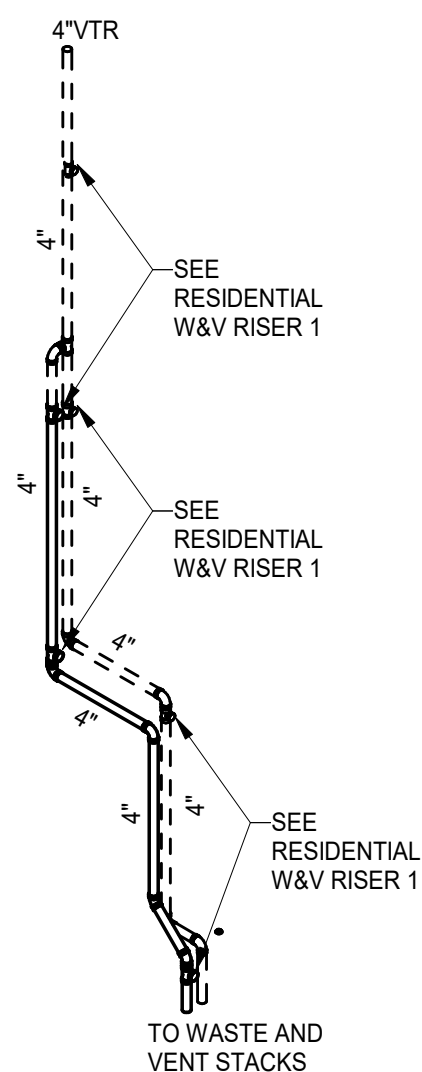
## 7 WASTE AND VENT RISER DIAGRAM 25

SCALE:



## 8 WASTE AND VENT RISER DIAGRAM 26

SCALE:



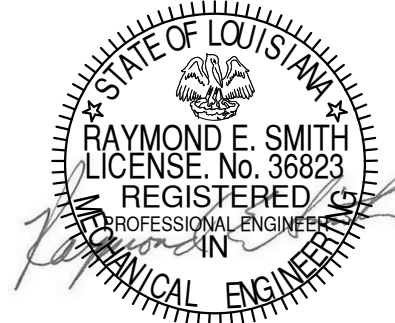
## 9 WASTE AND VENT RISER DIAGRAM 27

SCALE:

[illegible]

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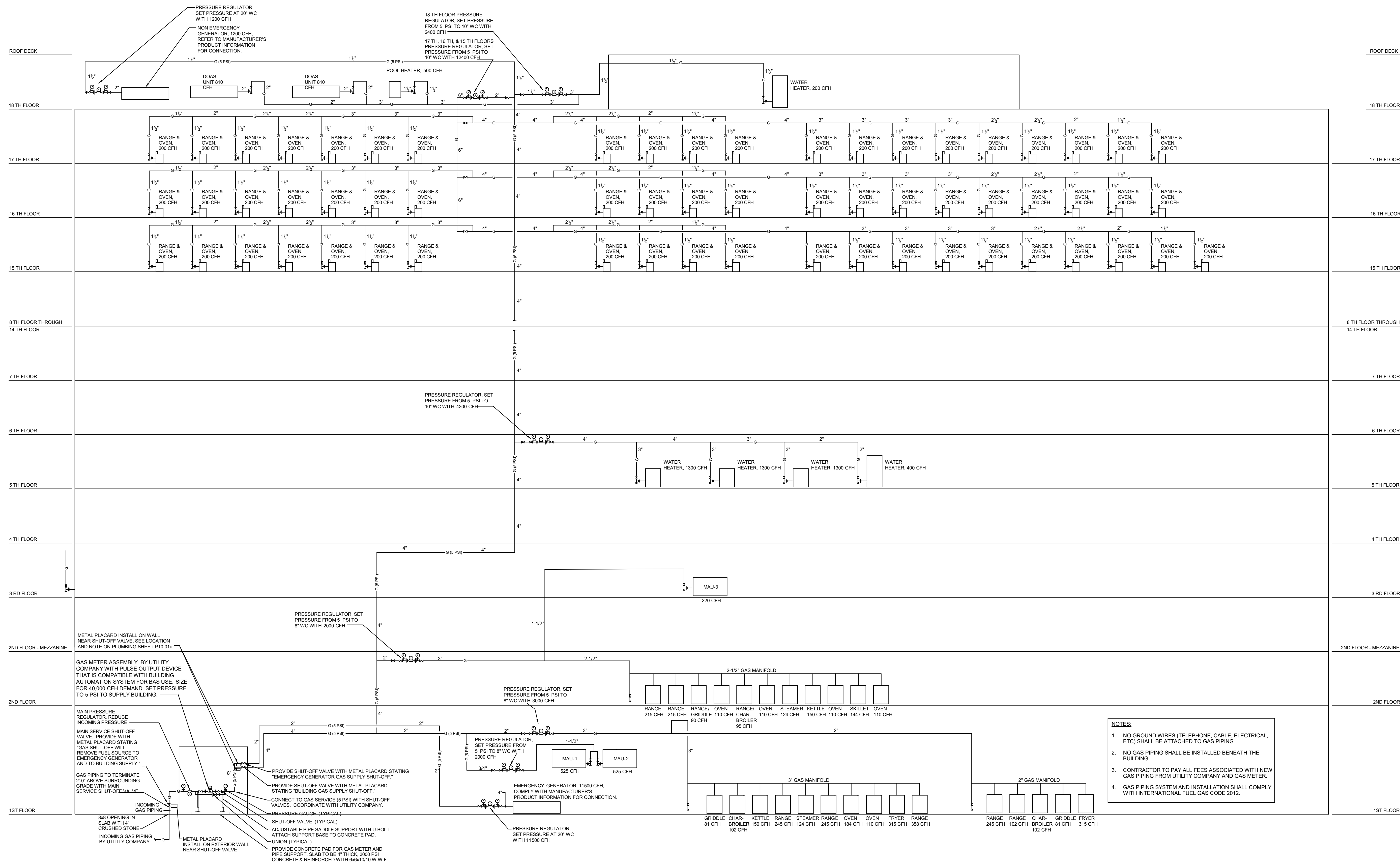
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[illegible]

## PLUMBING GAS DIAGRAM

PROJECT#: 1709  
PHASE: PERMIT  
TEAM: MEI  
CHECKER: SP  
SCALE: AS NOTED  
ISSUED: 06/05/2018

## P8.5



# 1 PLUMBING GAS RISER DIAGRAM

**MOSES**  
ENGINEERS

**CONSULTING ENGINEERS**  
909 Poydras Street, Suite 2150  
New Orleans, Louisiana 70112-1034  
Tel. 504-586-1725



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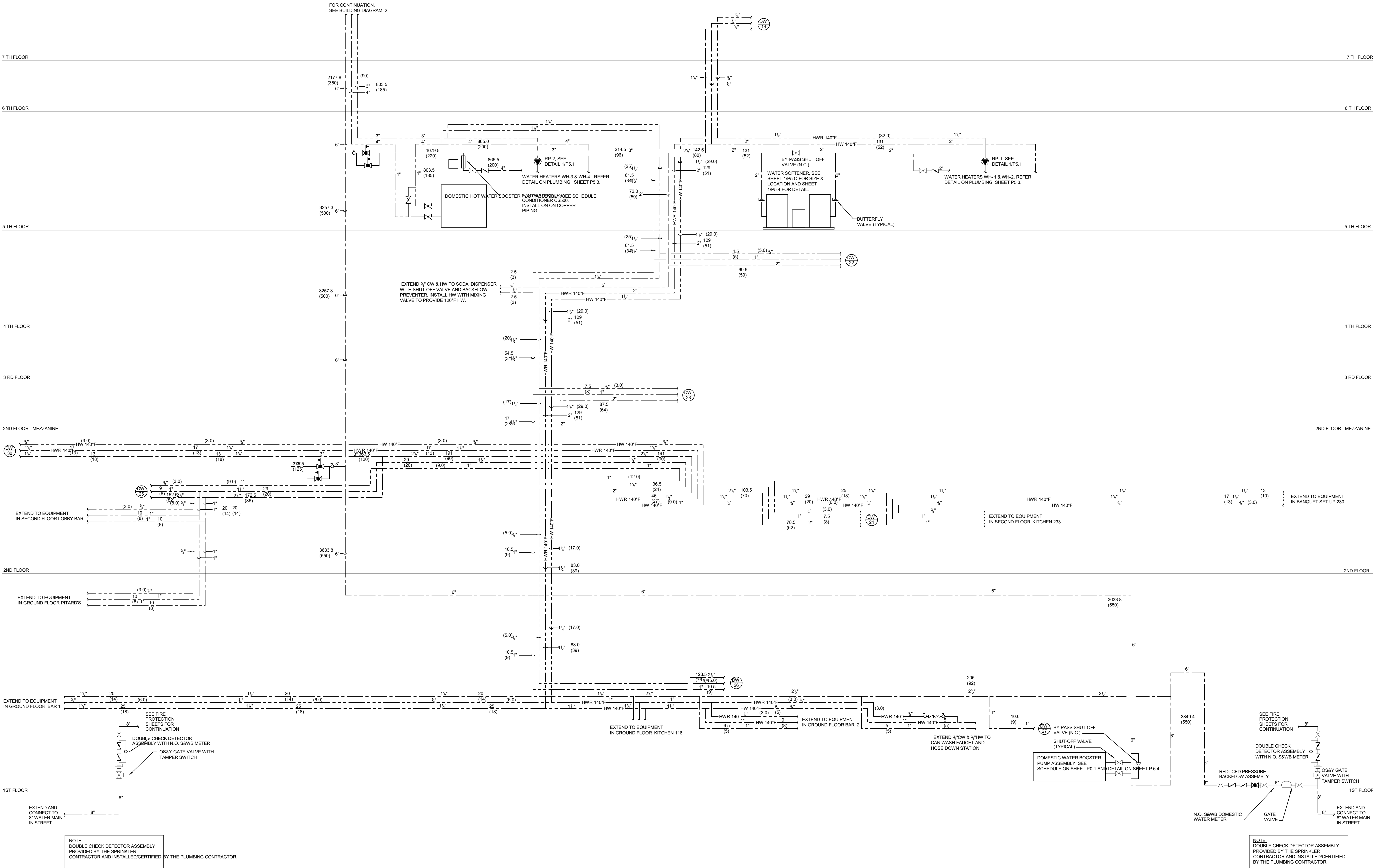
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REVISION HISTORY				

PLUMBING WATER  
DIAGRAM 1

PROJECT#: 1709  
PHASE: PERMIT  
TEAM: Author  
CHECKER: Checker  
SCALE: AS NOTED  
ISSUED: 06/05/2018

P8.6



1 Building Water Diagram 1

SCALE: 1" = 10'-0"

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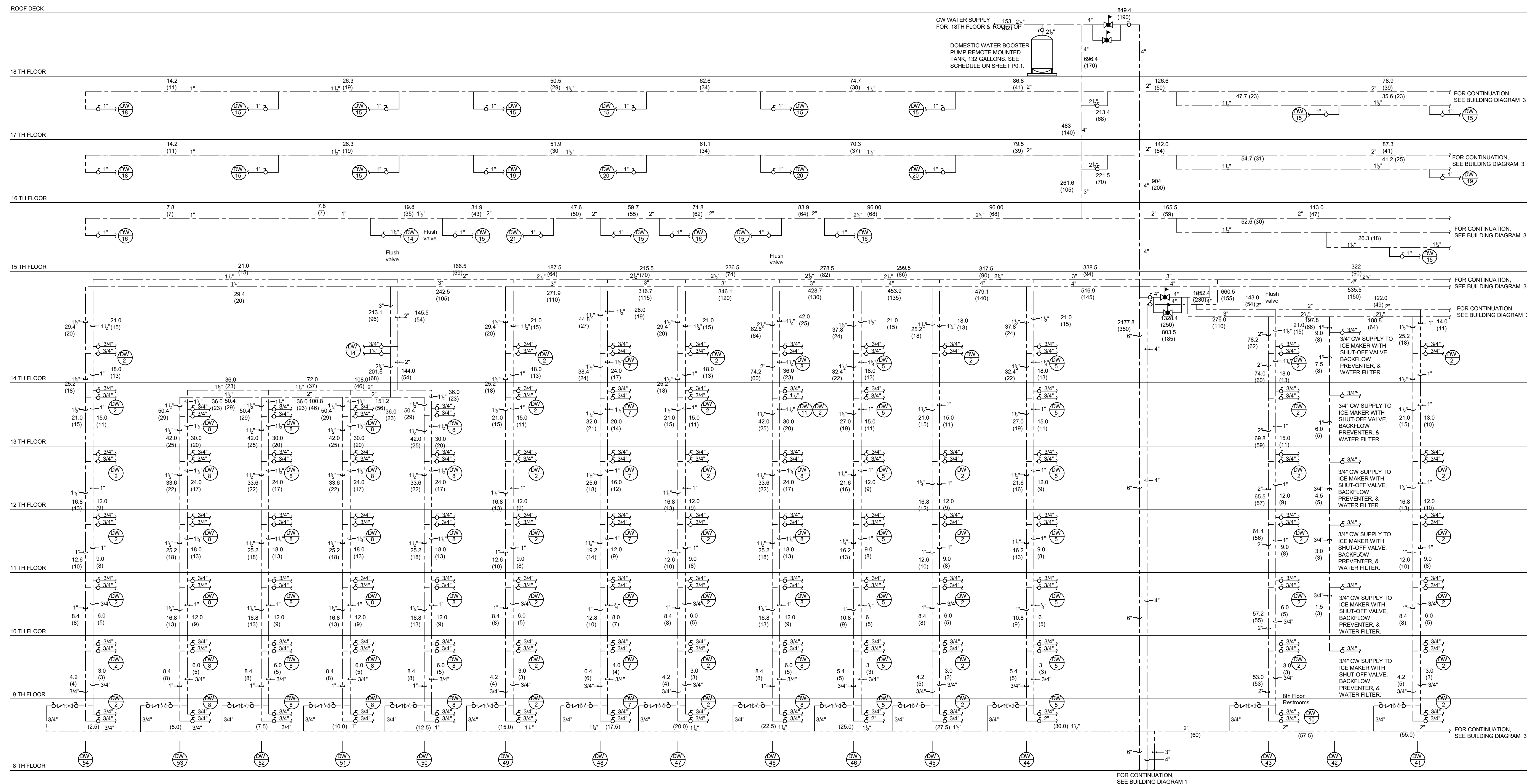
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[illegible]

PLUMBING WATER  
DIAGRAM 2

PROJECT#: 1709  
PHASE: PERMIT  
TEAM: Author  
CHECKER: Checker  
SCALE: AS NOTED  
ISSUED: 06/05/2018

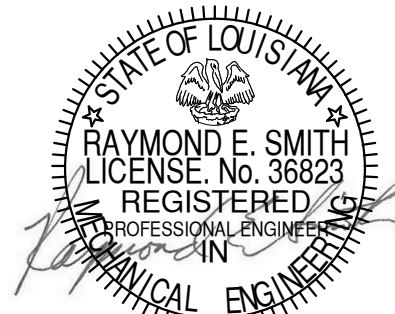
### P8.6.1



# 1 Building Water Diagram 2

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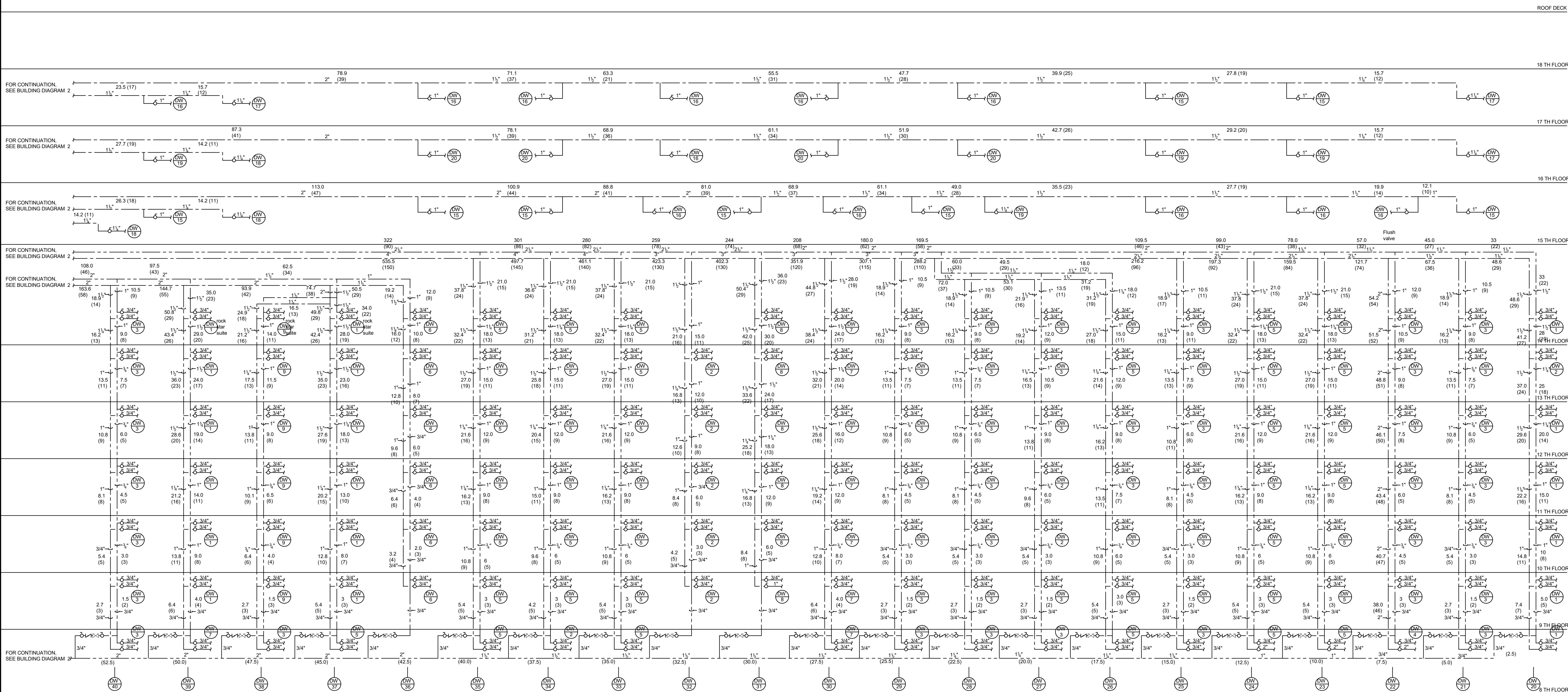
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[illegible]

PLUMBING WATER  
DIAGRAM 3

PROJECT#: 1709  
PHASE: PERMIT  
TEAM: Author  
CHECKER: Checker  
SCALE: AS NOTED  
ISSUED: 06/05/2018

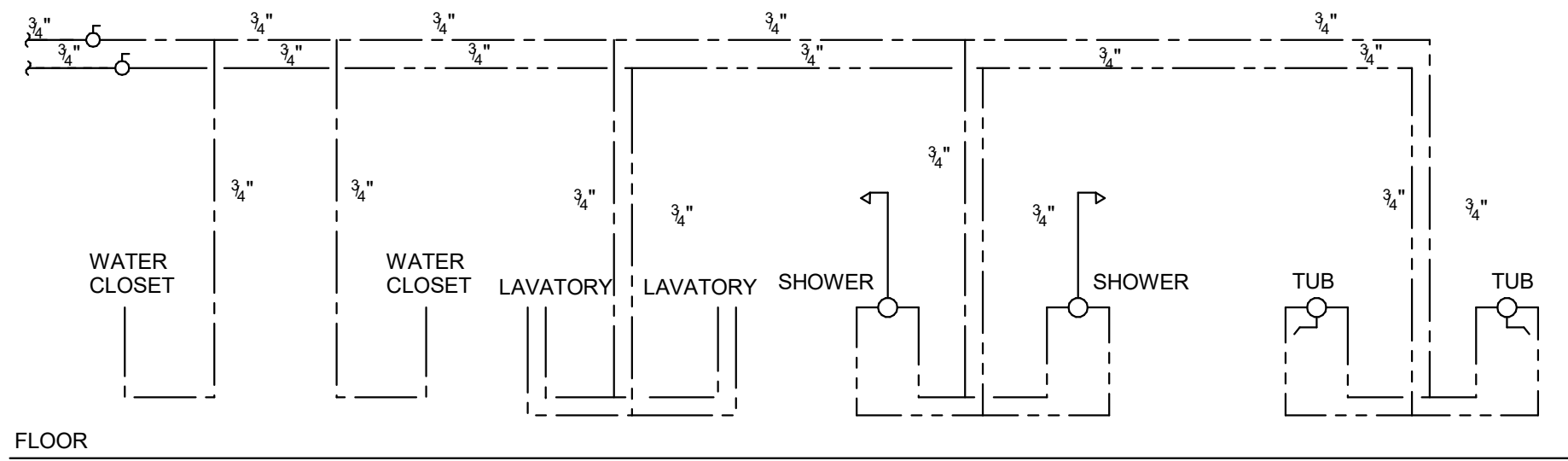
## P8.6.2



## 1 Building Water Diagram 3

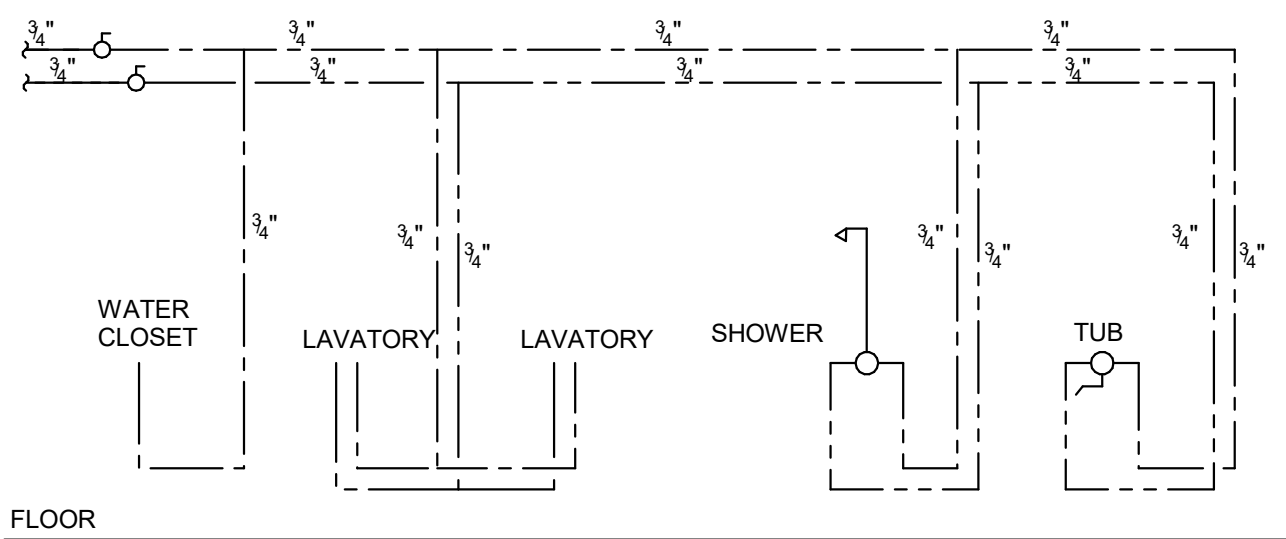
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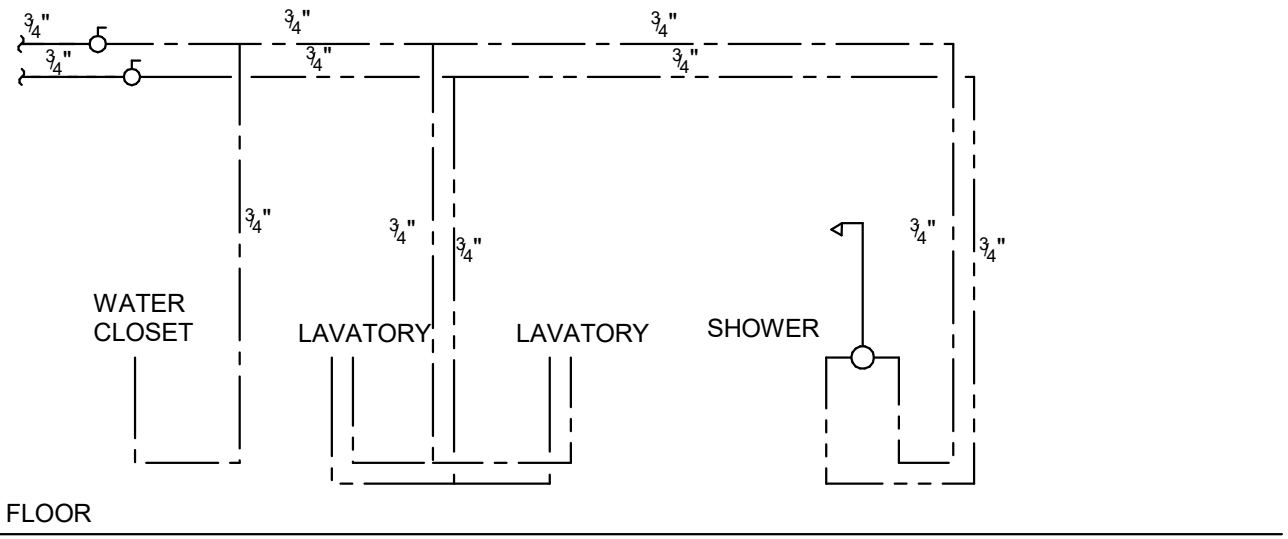
1 Water Diagram - DW1

SCALE: 1/8" = 1'-0"



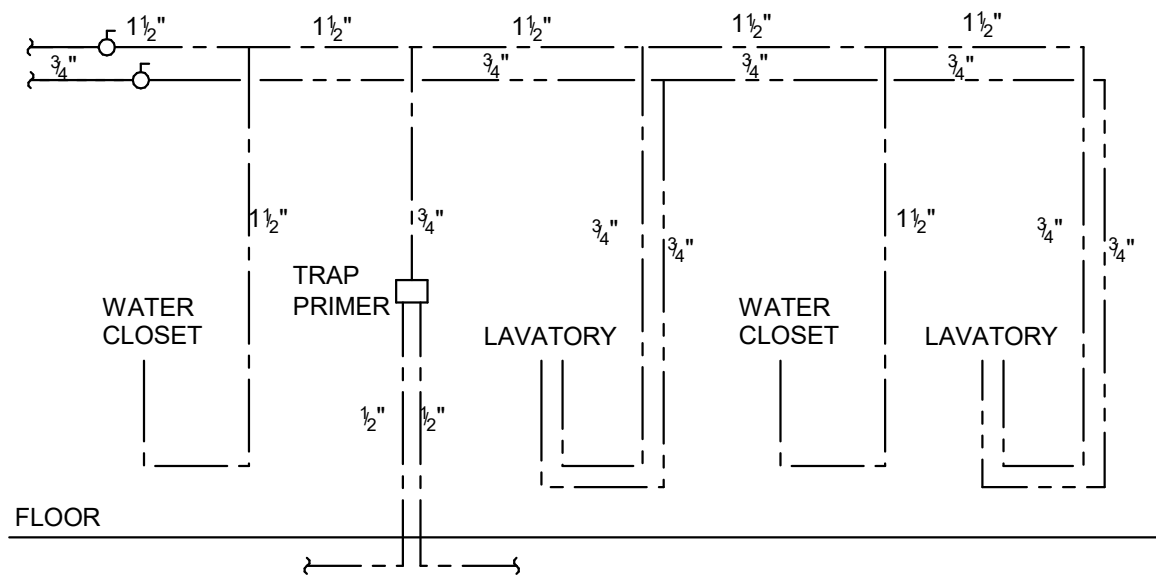
2 Water Diagram - DW2

SCALE: 1/8" = 1'-0"



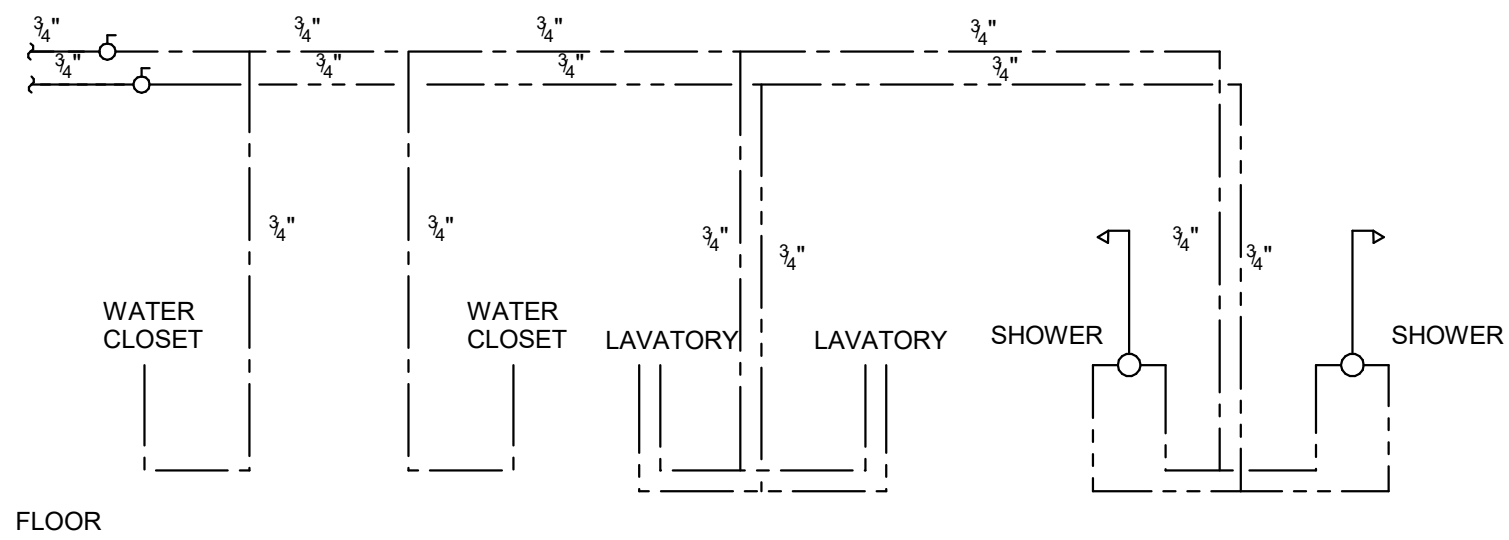
3 Water Diagram - DW3

SCALE: 1/8" = 1'-0"



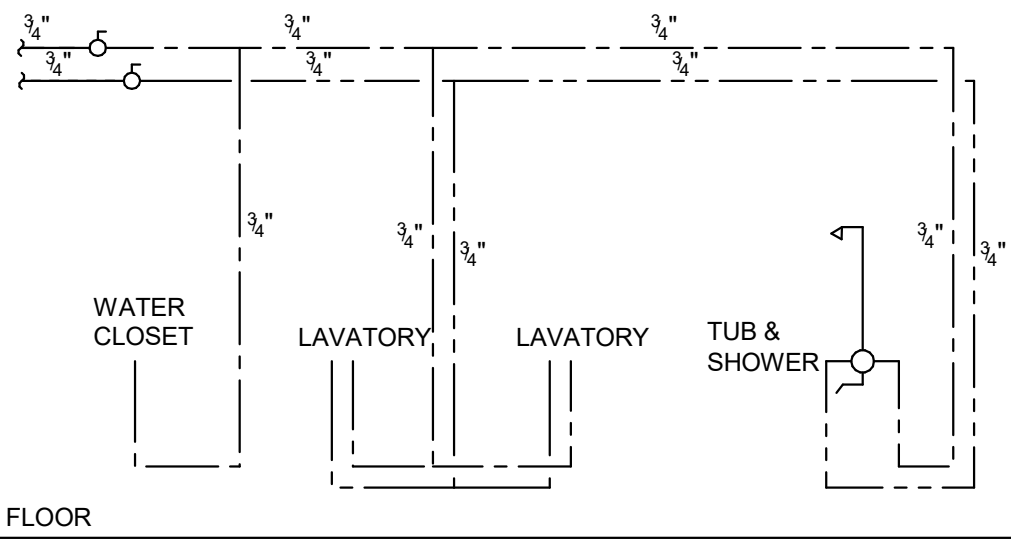
4 Water Diagram - DW4

SCALE: 1/8" = 1'-0"



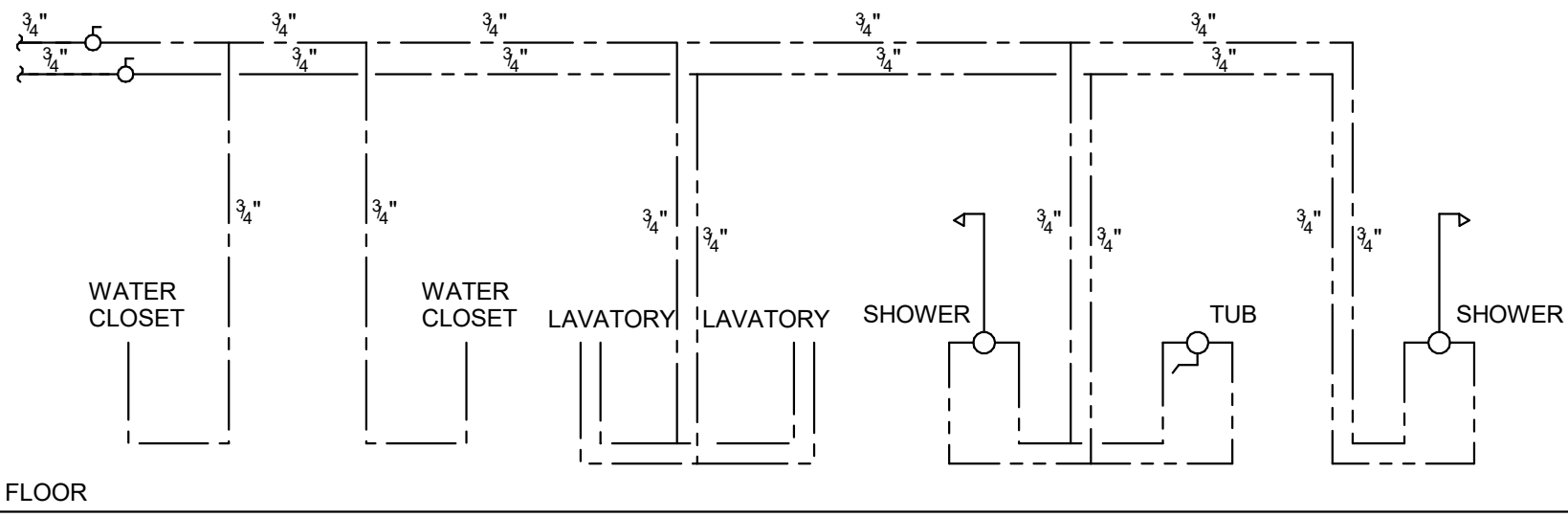
5 Water Diagram - DW5

SCALE: 1/8" = 1'-0"



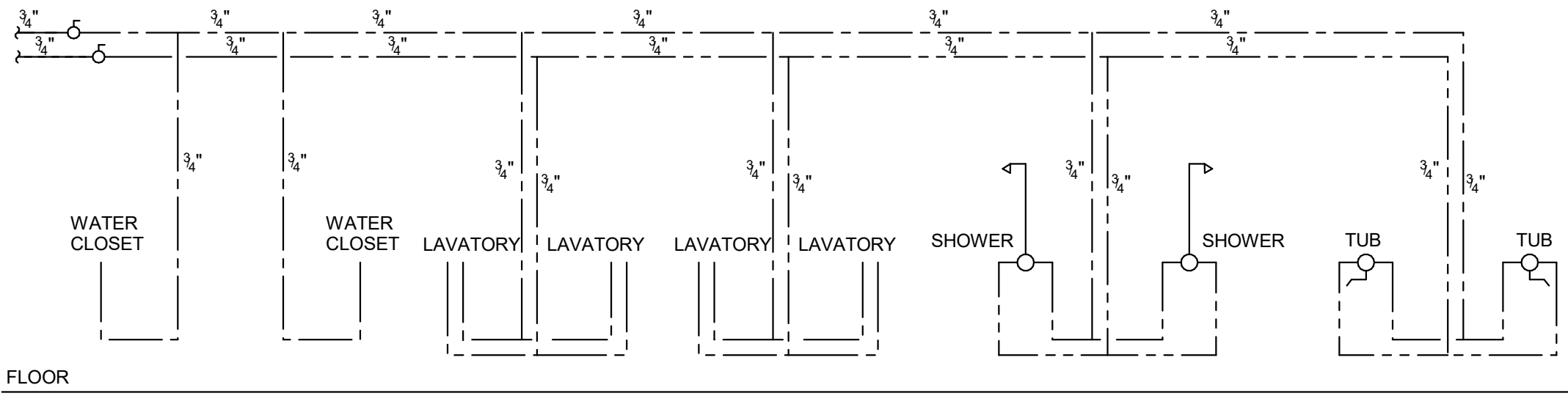
6 Water Diagram - DW6

SCALE: 1/8" = 1'-0"



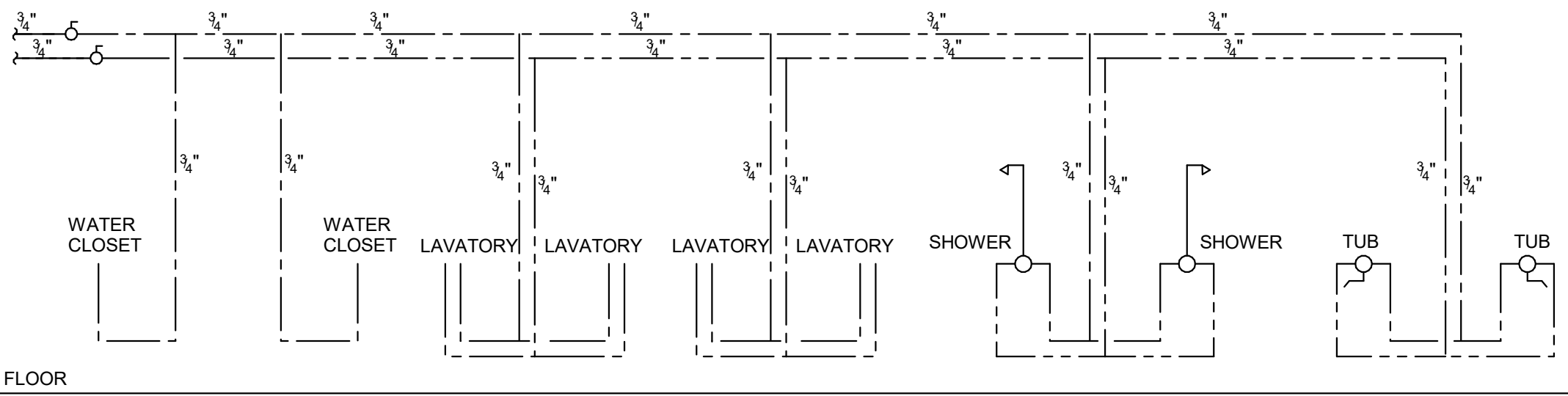
7 Water Diagram - DW7

SCALE: 1/8" = 1'-0"



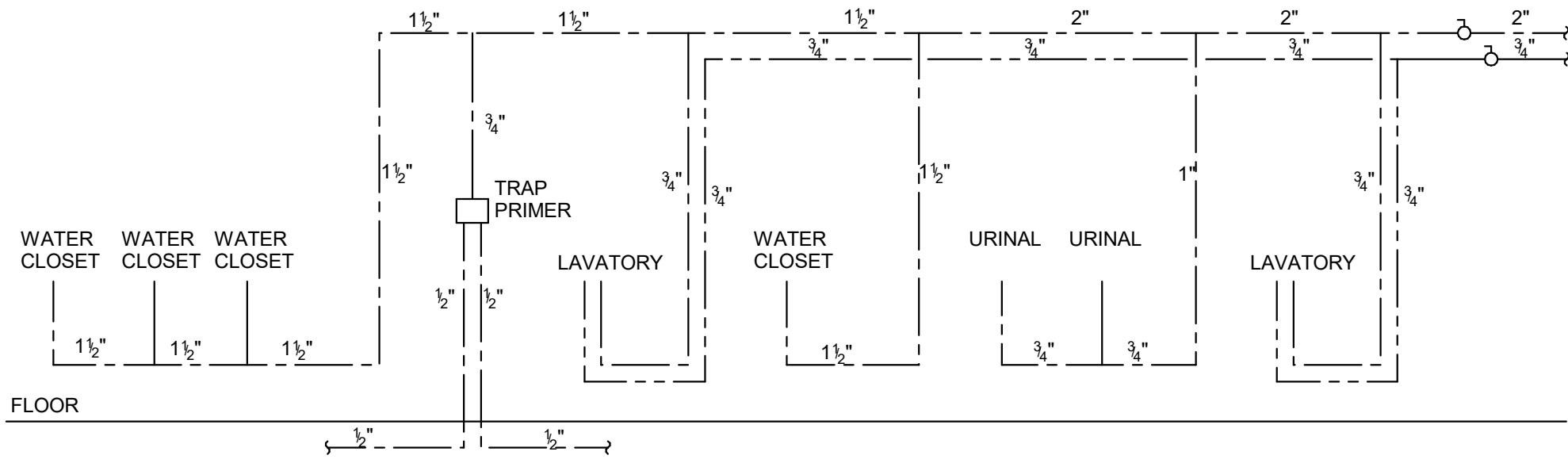
8 Water Diagram - DW8

SCALE: 1/8" = 1'-0"



9 Water Diagram - DW9

SCALE: 1/8" = 1'-0"



10 Water Diagram - DW10

SCALE: 1/8" = 1'-0"

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REVISION HISTORY				

PLUMBING WATER DIAGRAMS

PROJECT#: 1709

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ISSUED: 06/05/2018



## 2 Water Diagram - DW14

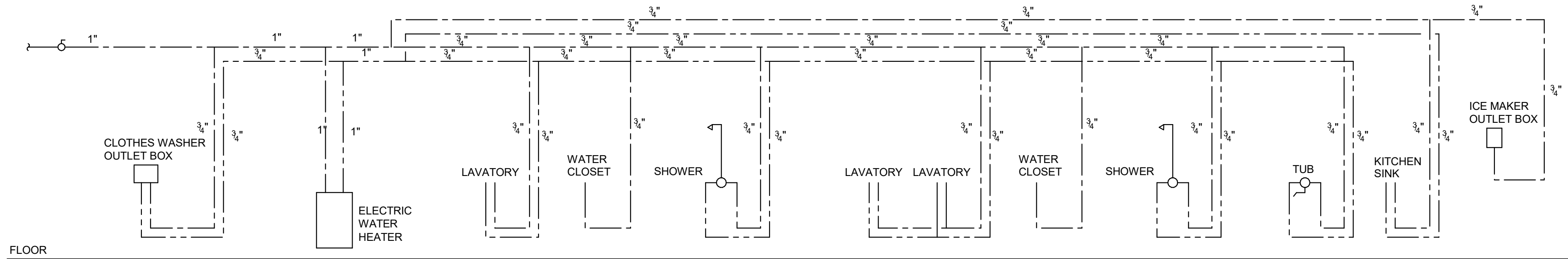
#### 4 Water Diagram - DW16

### 3 Water Diagram - DW15

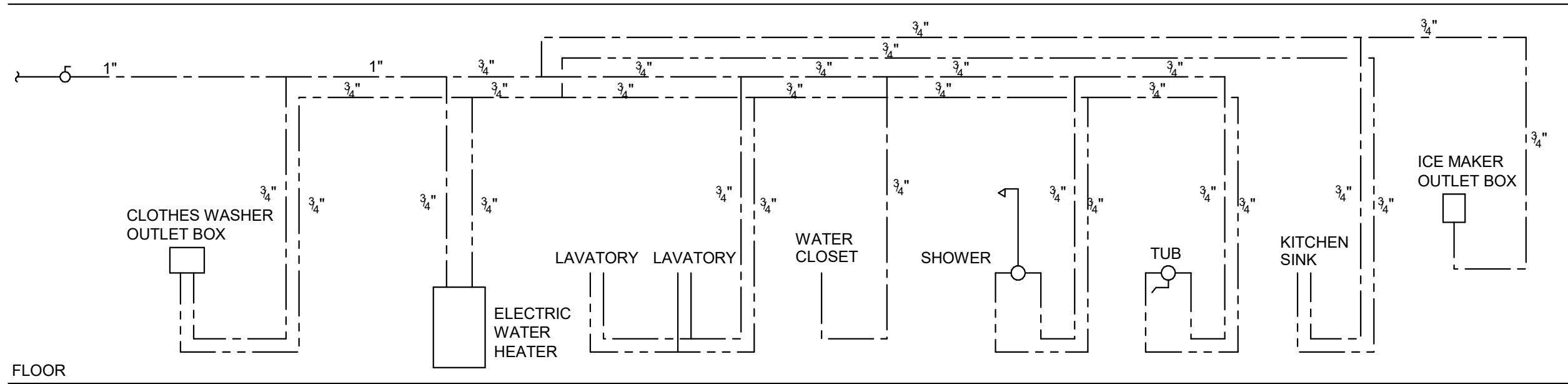
## 5 Water Diagram - DW17

## 6 Water Diagram - DW18

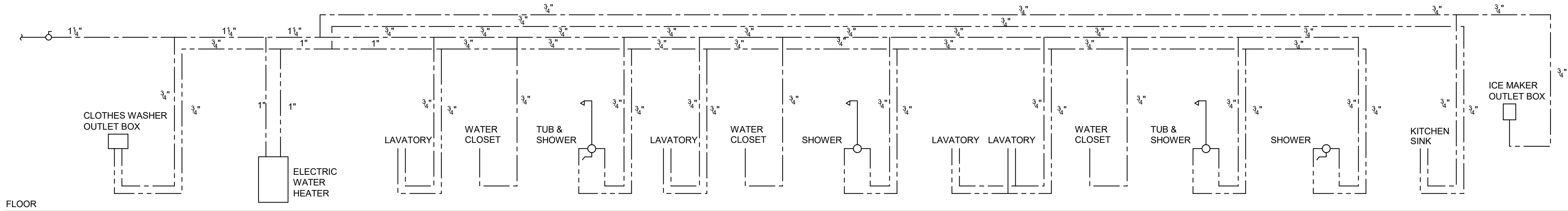
## P8.8



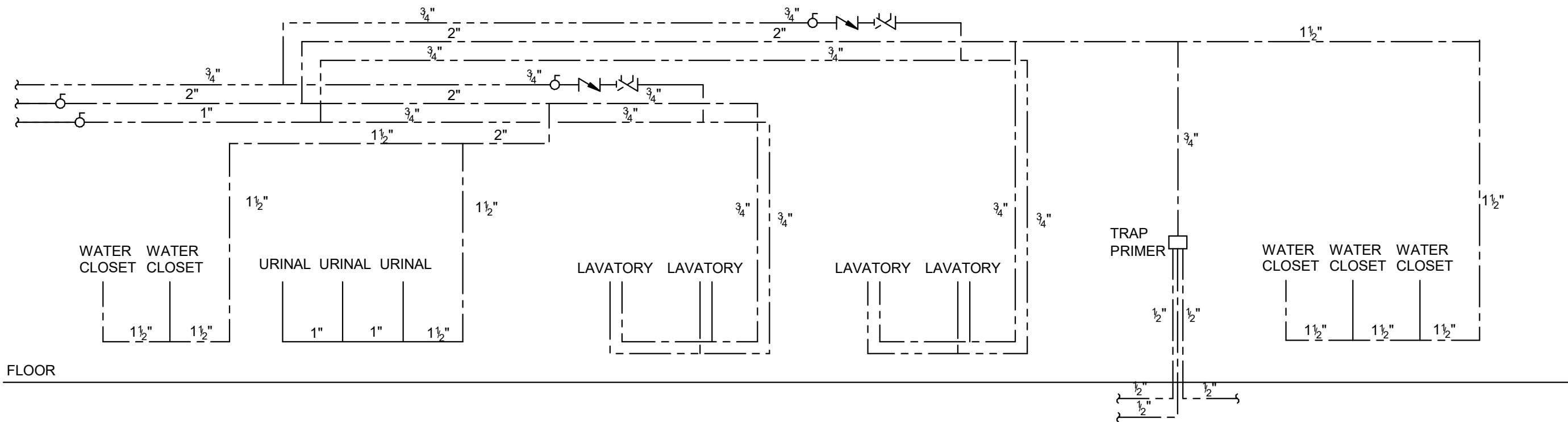
1 Water Diagram - DW19  
SCALE: 1/8" = 1'-0"



2 Water Diagram - DW20  
SCALE: 1/8" = 1'-0"



3 Water Diagram - DW21  
SCALE: 1/8" = 1'-0"



4 Water Diagram - DW22  
SCALE: 1/8" = 1'-0"

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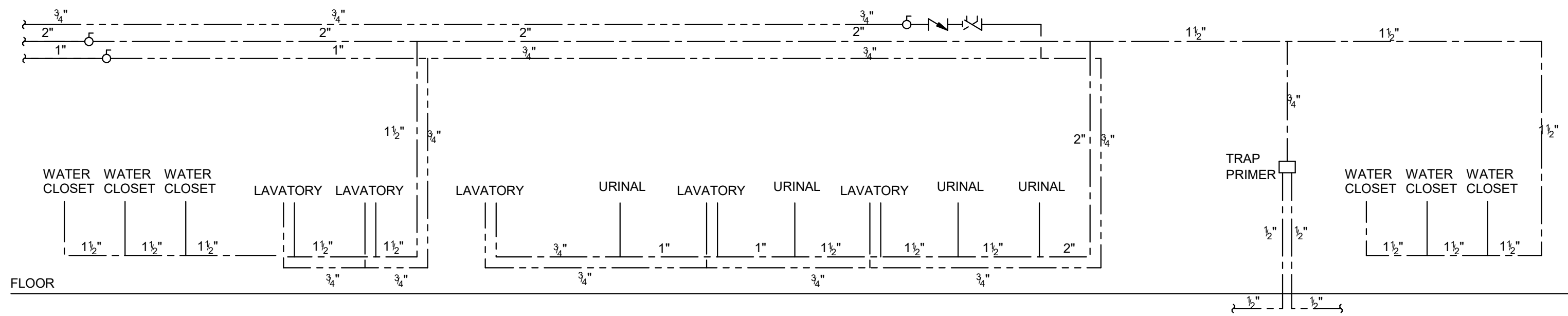


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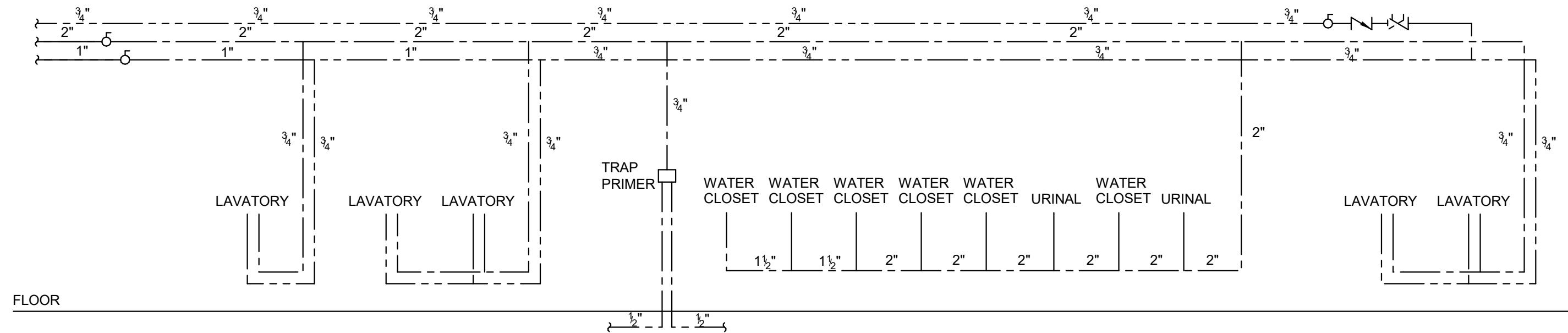
PLUMBING WATER  
DIAGRAMS  
PROJECT#: 1709  
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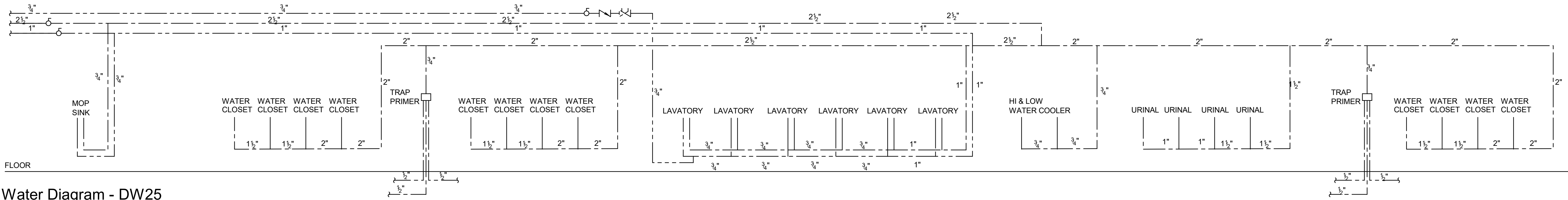
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SCALE: 1/8" = 1'-0"



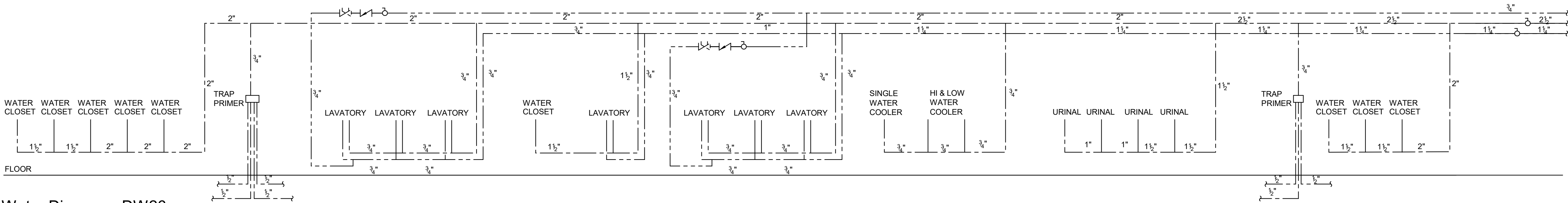
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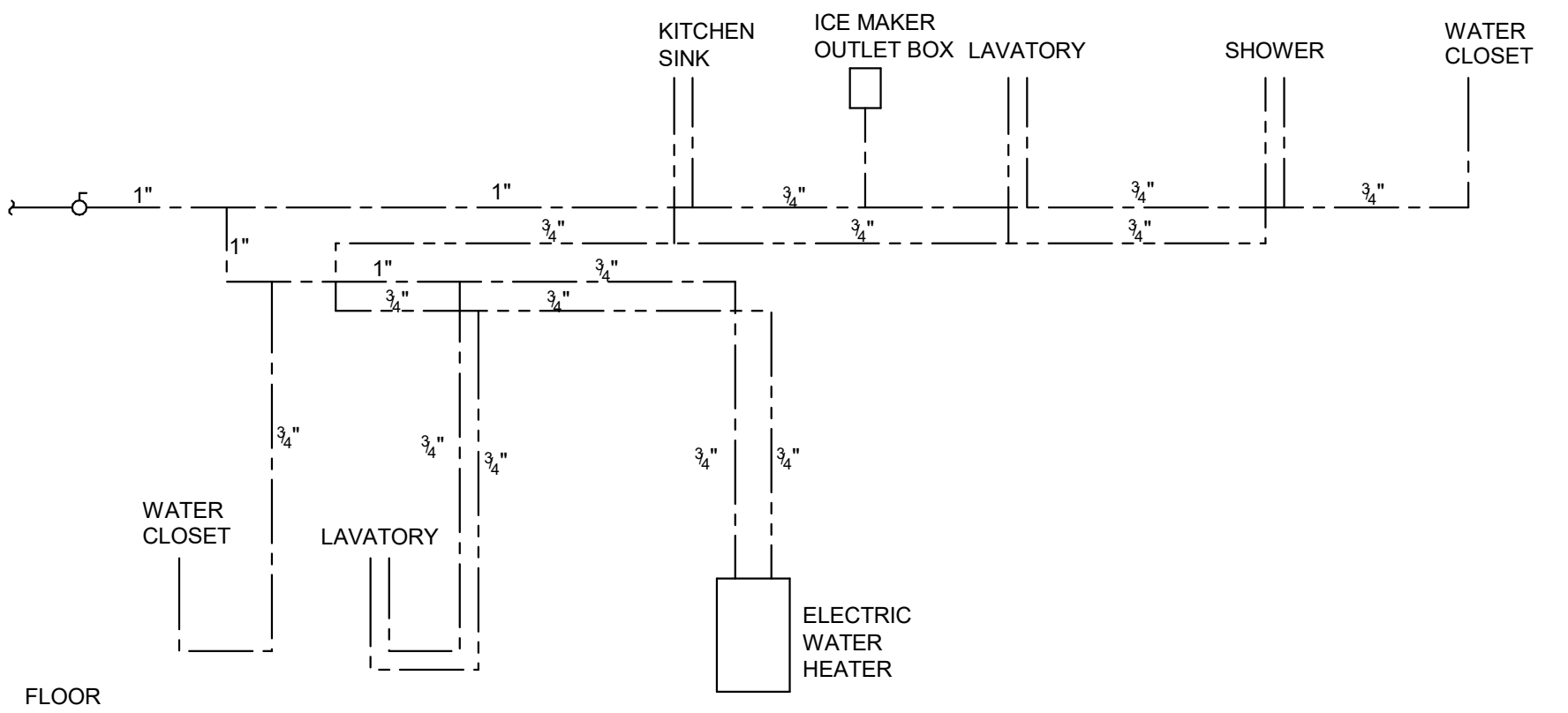
3 Water Diagram - DW25

SCALE: 1/8" = 1'-0"



4 Water Diagram - DW26

SCALE: 1/8" = 1'-0"



5 Water Diagram - DW27

SCALE: 1/8" = 1'-0"

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